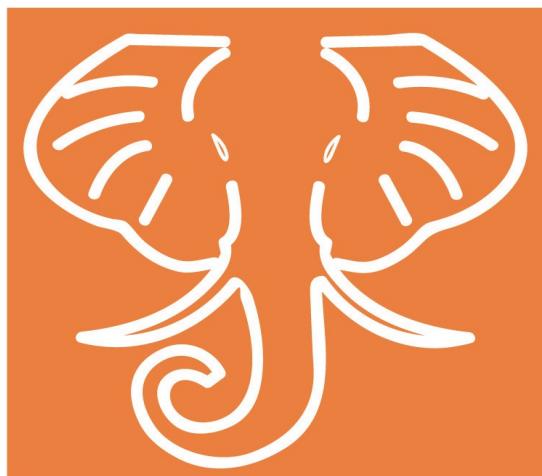


**Ad quadratum; a study of the geometrical bases of classic & medieval religious architecture, with special reference to their application in the restoration of the cathedral of Nidaros (Throndhjem) Norway, by Fredrik Macody Lund; profusely illustrated by plans, sections, views and details of notable temples, churches, cathedrals & other buildings in Greece, Italy, Germany, Denmark, France, England & Norway.**

Lund, Fredrik Macody, 1863-1943.  
London, B. T. Batsford, 1921.

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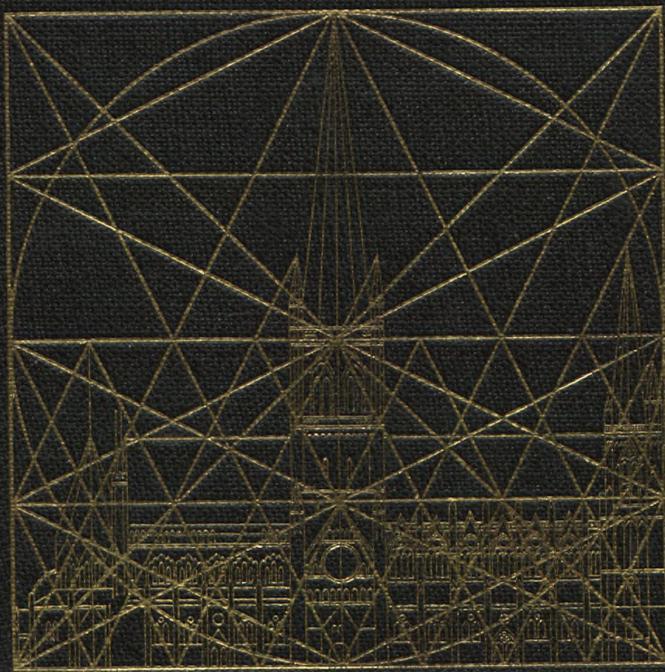
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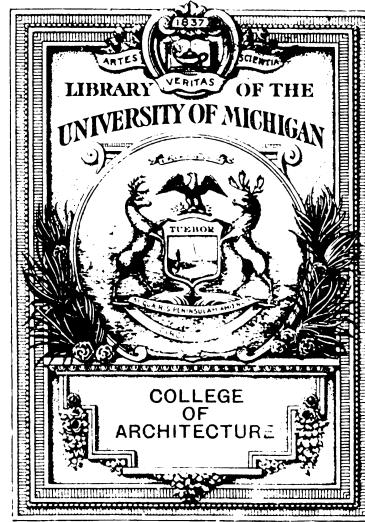
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# AD QUADRATUM

A STUDY OF THE GEOMETRICAL  
BASES OF CLASSIC & MEDIEVAL  
RELIGIOUS ARCHITECTURE



BY  
**FREDRIK MACODY LUND**





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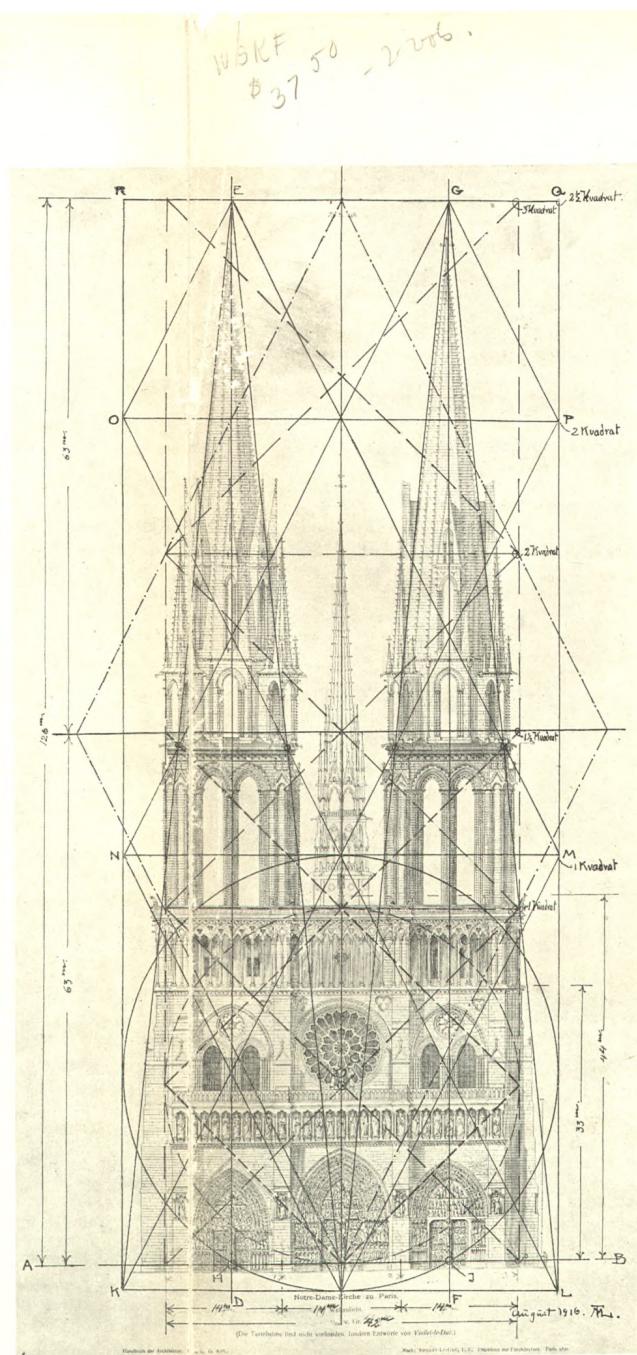


Fig. 55. Cathedral of Notre-Dame in Paris. West front.

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plates

Planche I.

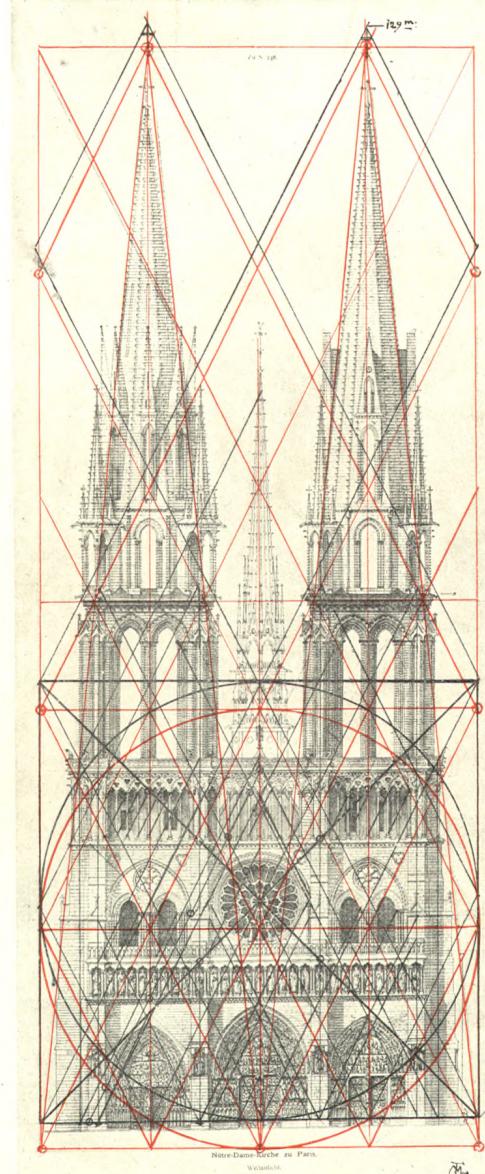


Fig. 56. Cathedral of Notre-Dame in Paris. West front.

Planche II.

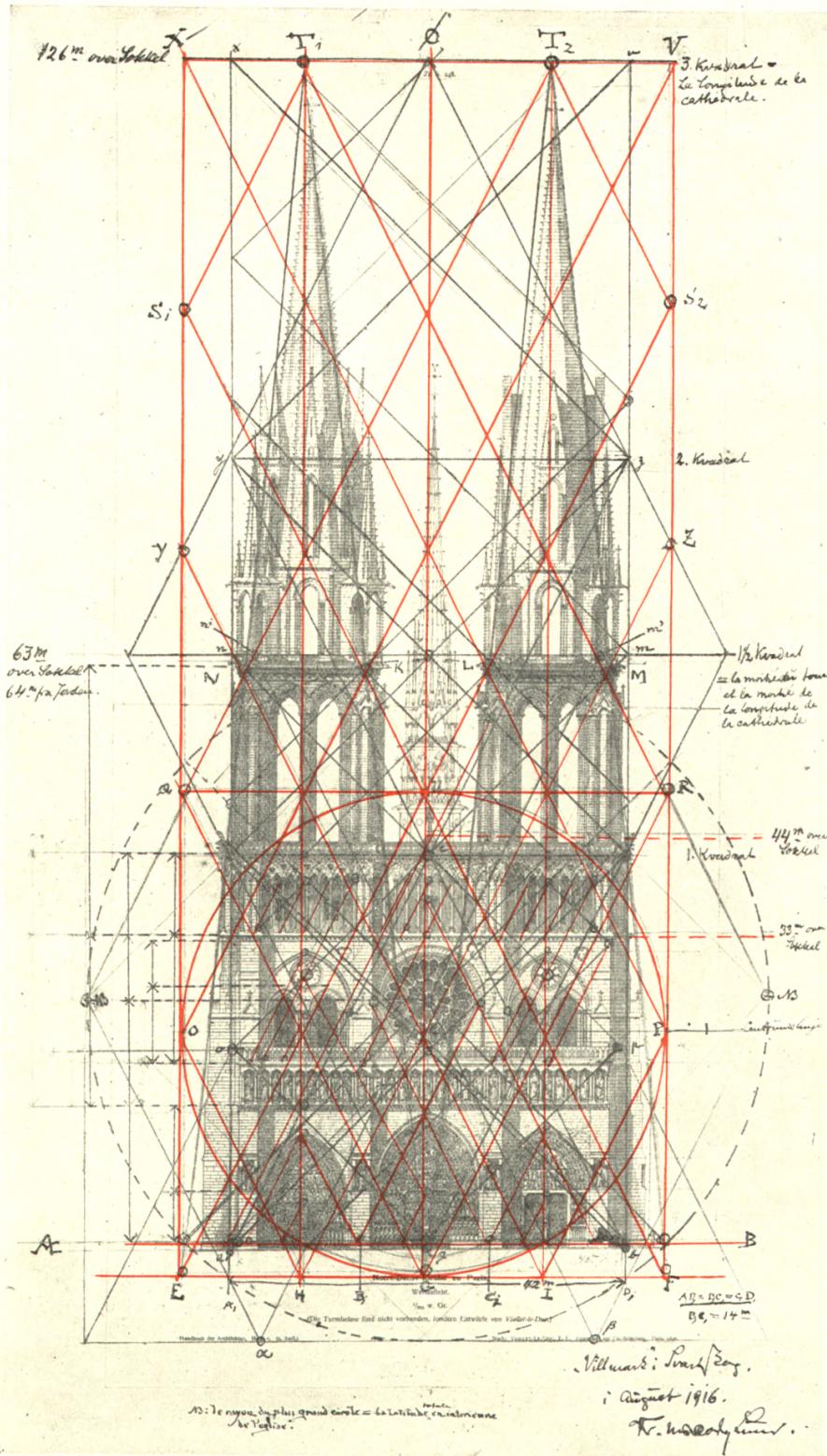


Fig. 57. Cathedral of Notre-Dame in Paris. West front.

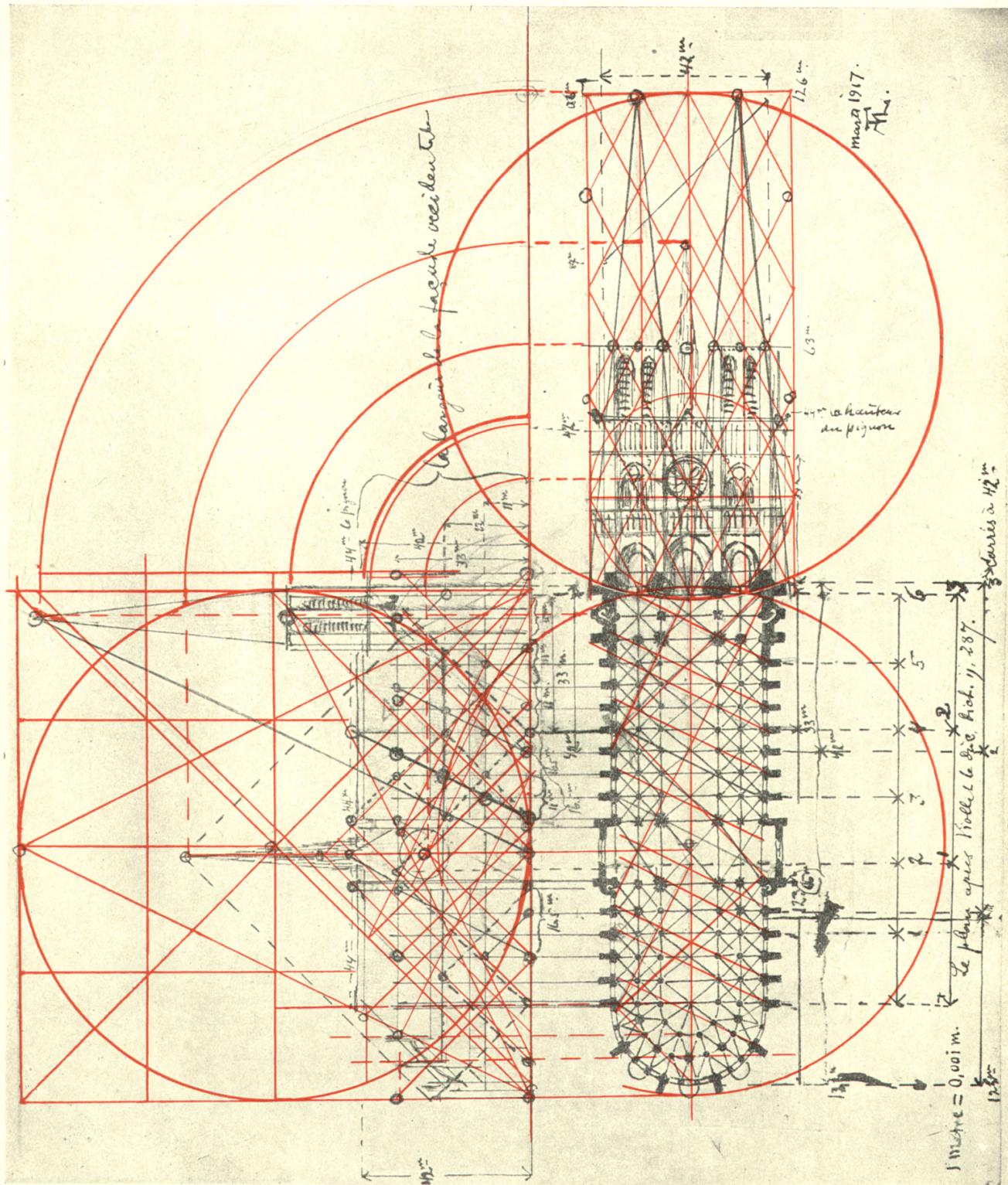


Fig. 58. Diagram of the Cathedral of Notre-Dame in Paris.

Planche IV.

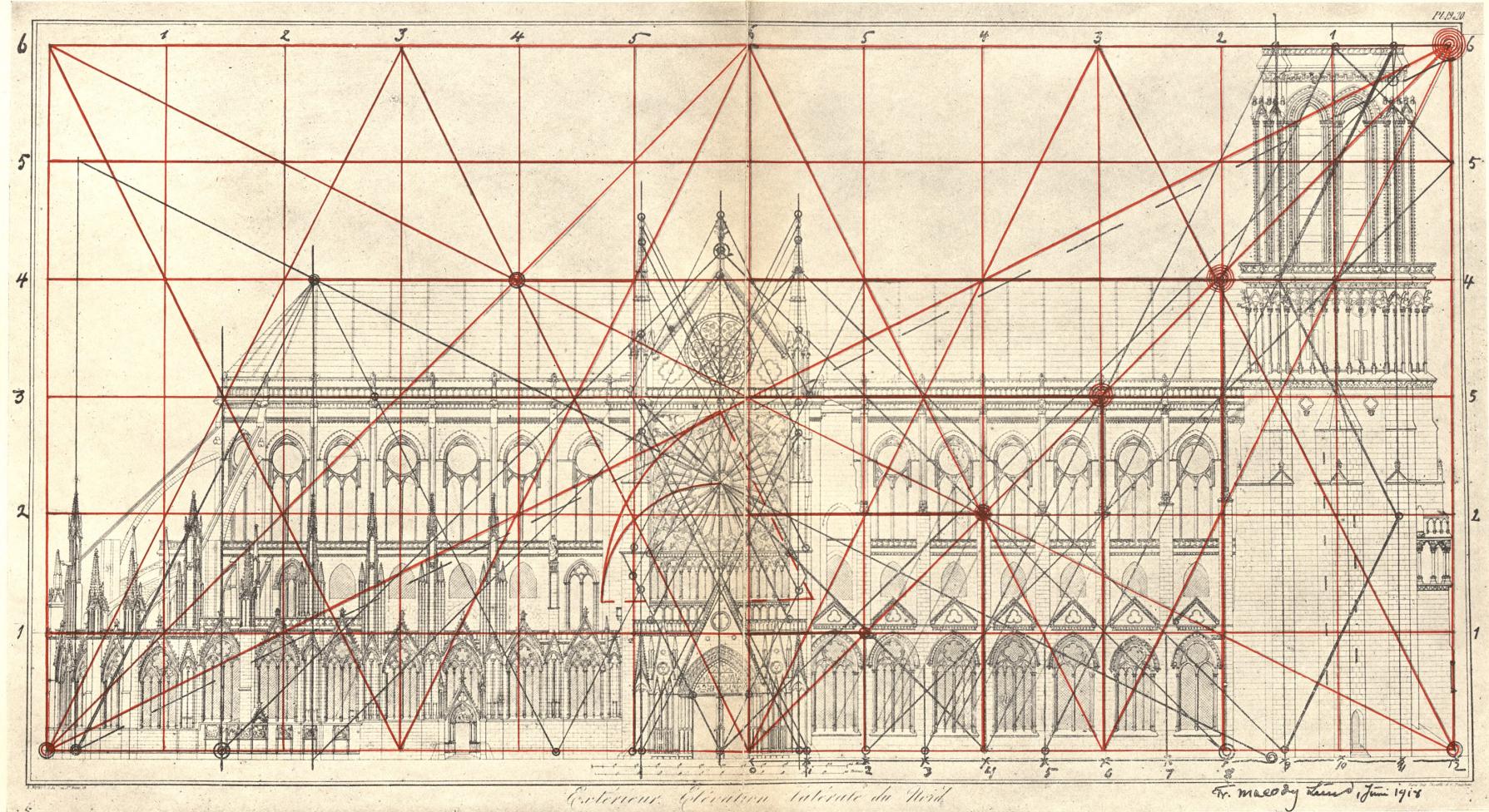


Fig. 59. Cathedral of Notre-Dame in Paris. North elevation after Viollet-le-Duc and Lassus.

Planche V.

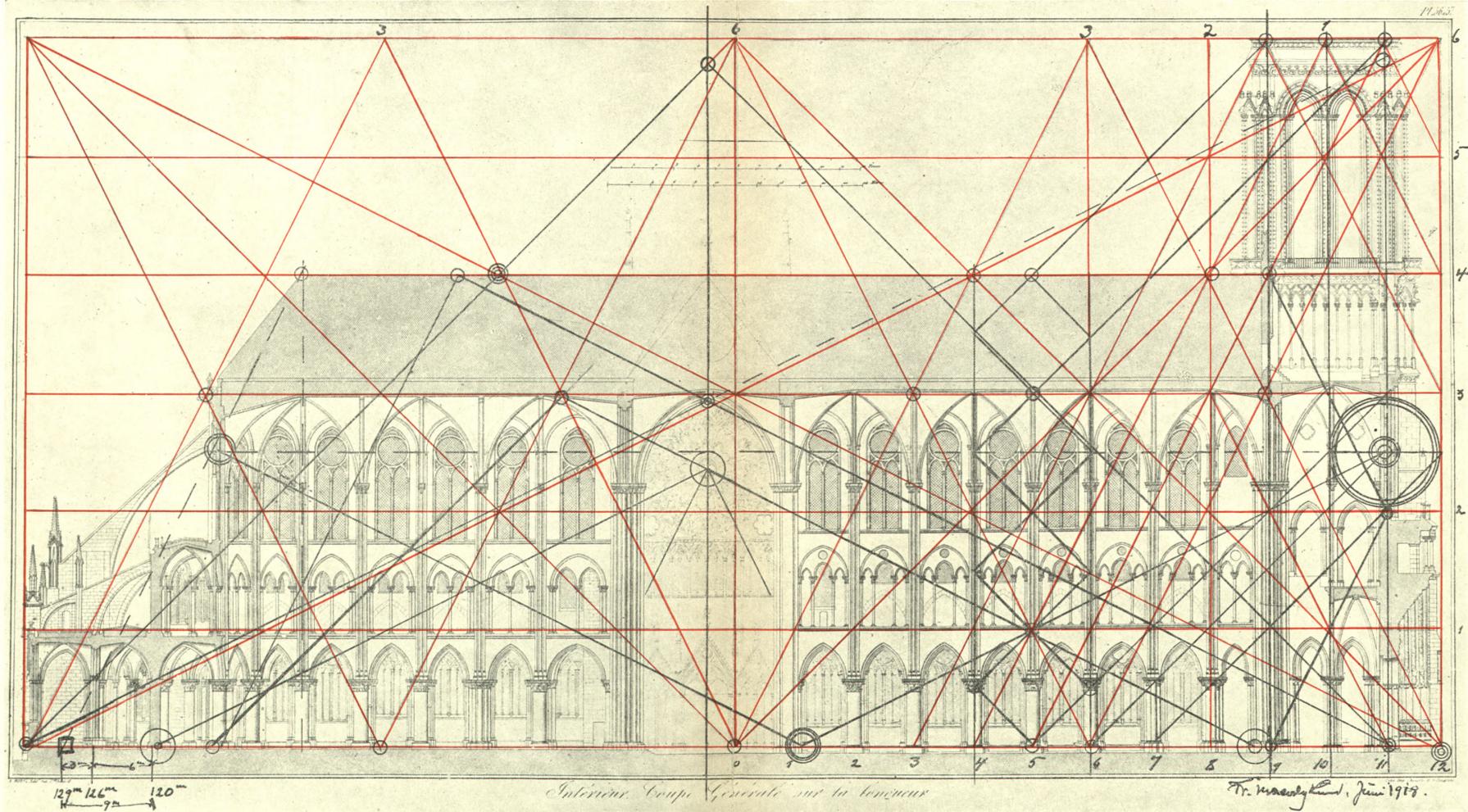


Fig. 60. Cathedral of Notre-Dame in Paris. Longitudinal section.

Planche VI.

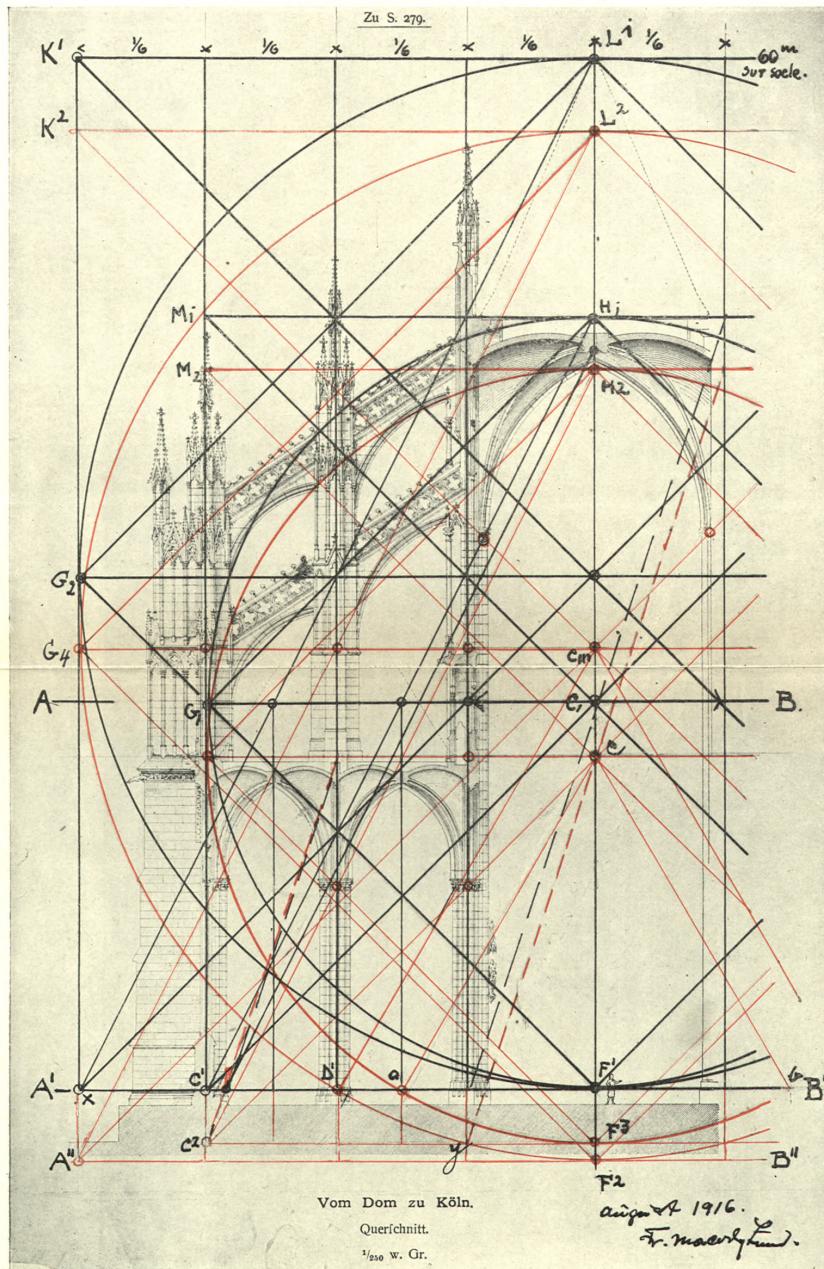


Fig. 71. The cathedral of Cologne. Transverse section.

Planche VII.

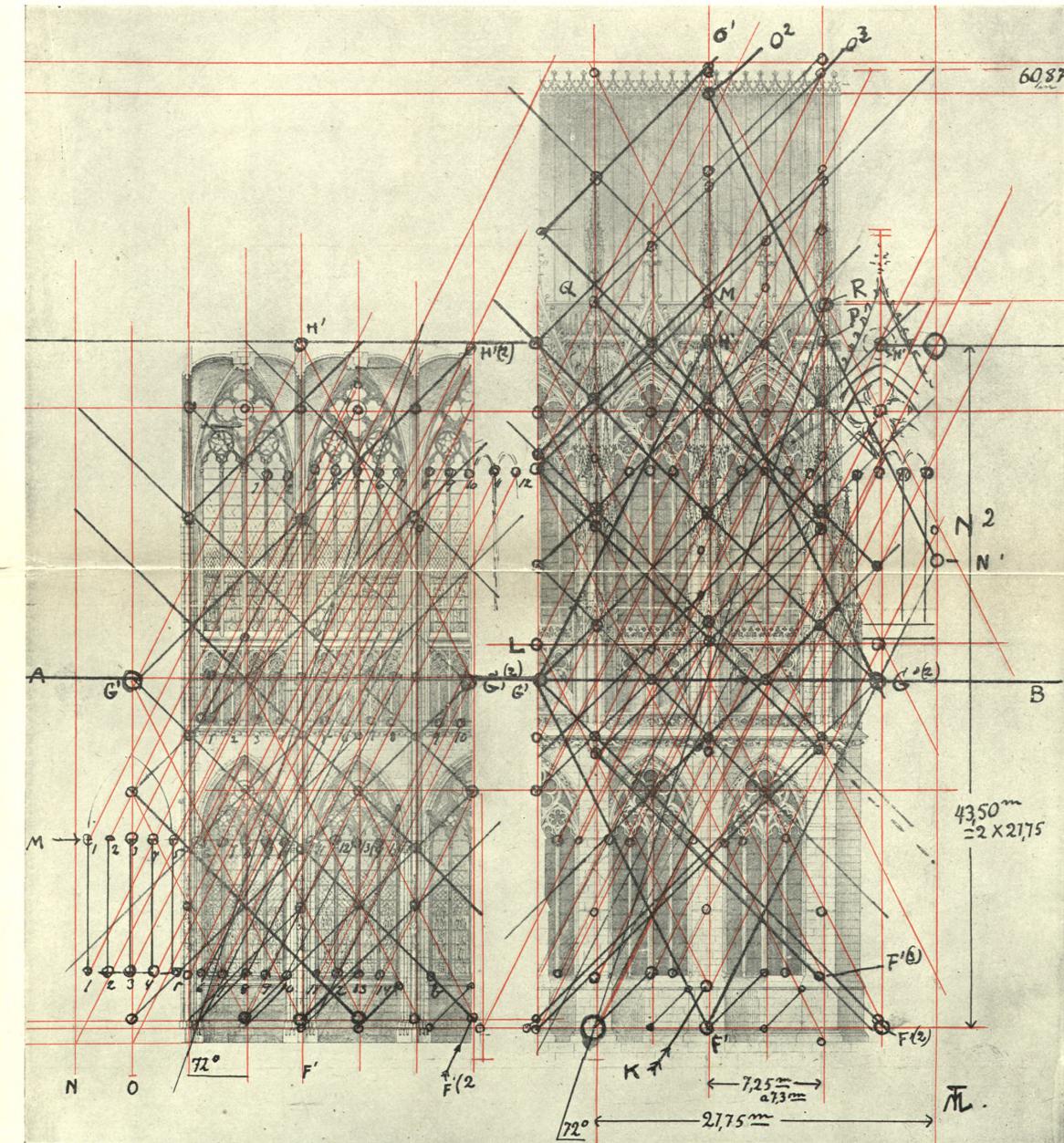


Fig. 72 a. The cathedral of Cologne. 2½ trestle of the interior.

Fig. 72 b. The cathedral of Cologne.  $2\frac{1}{2}$  trestle of the exterior.

planche VIII.

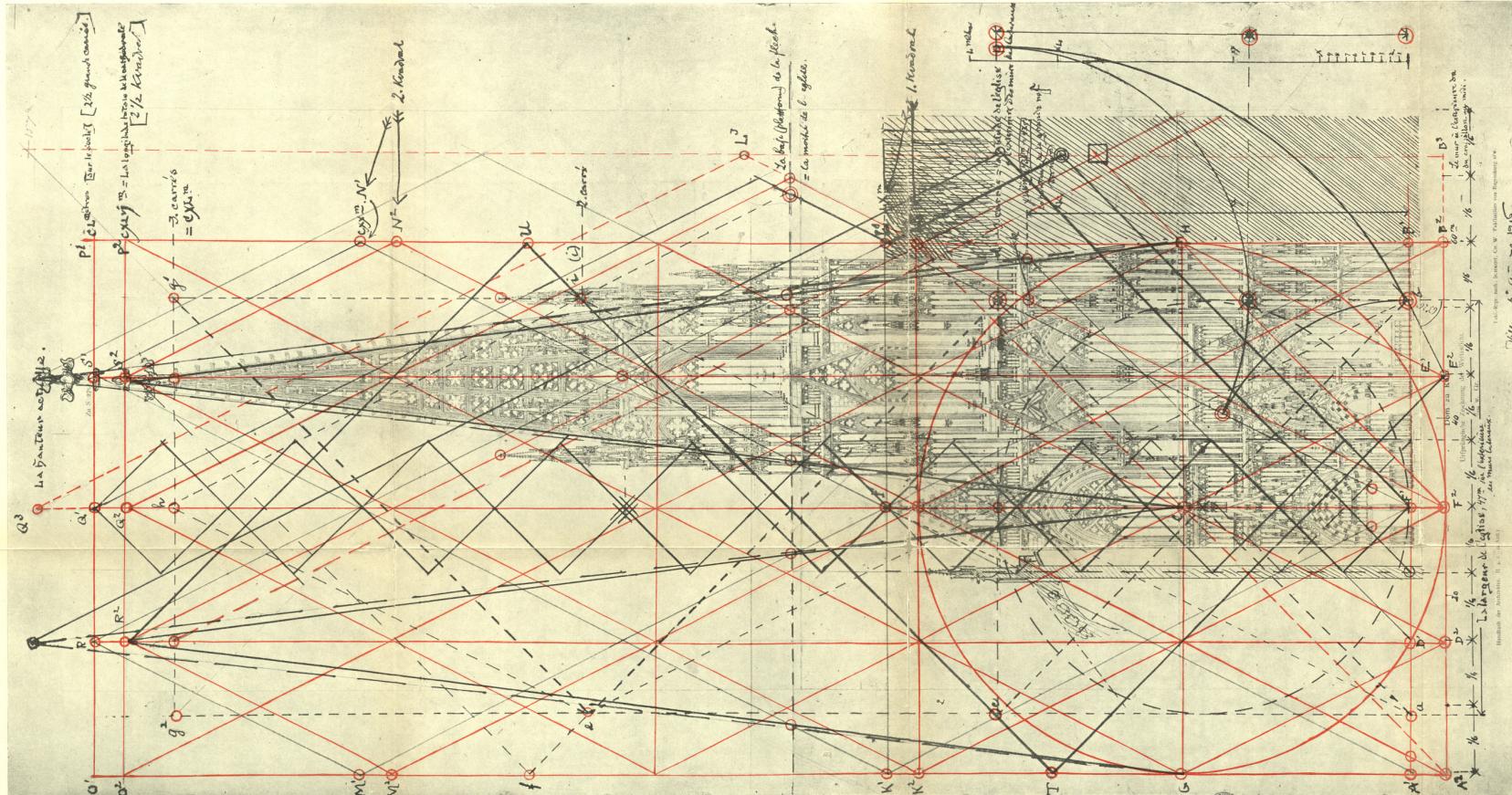


Fig. 73. The cathedral of Cologne. Analyse of the original medieval drawing of the front.

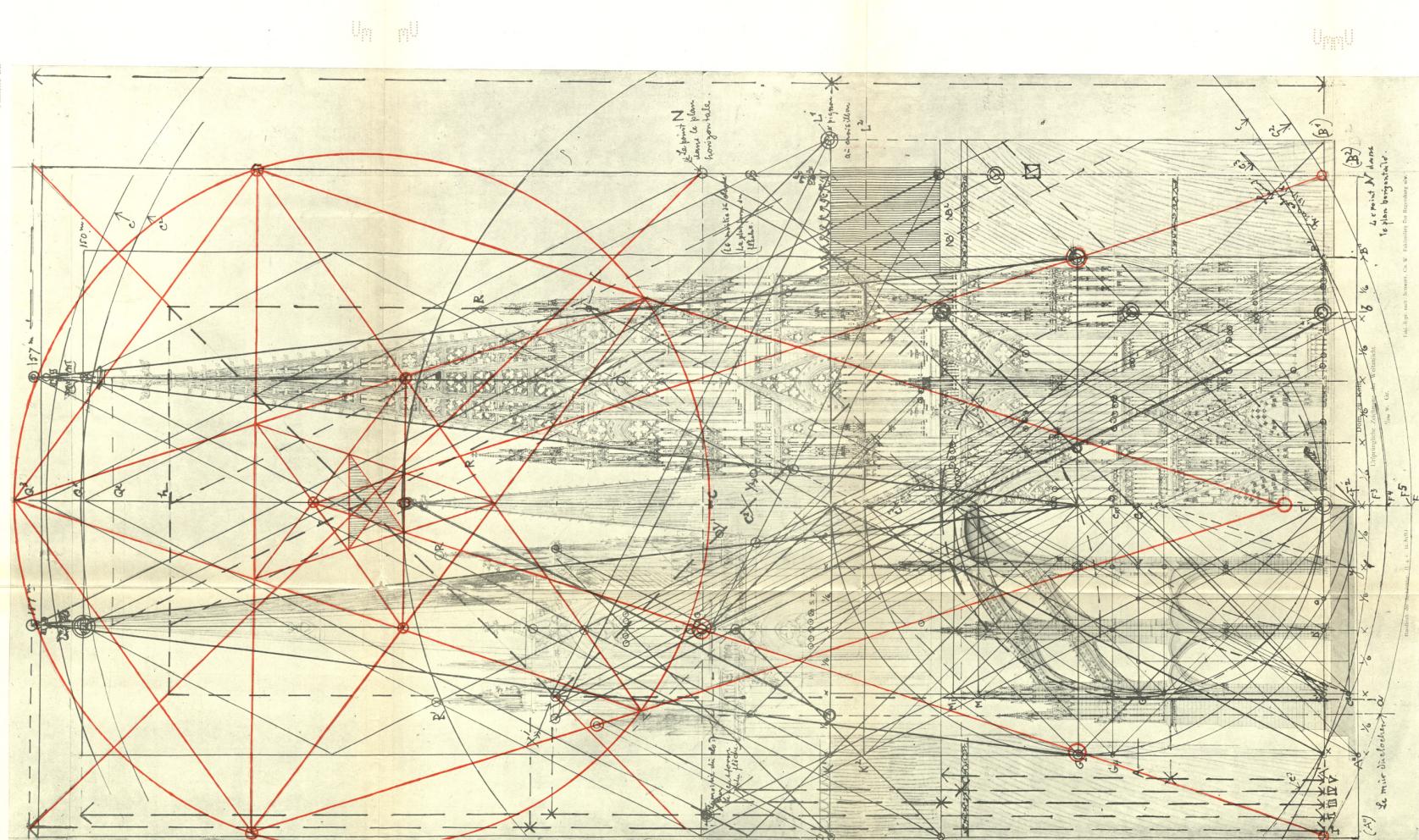


Fig. 76. The cathedral of Cologne. Correction of the medieval drawing of the front.

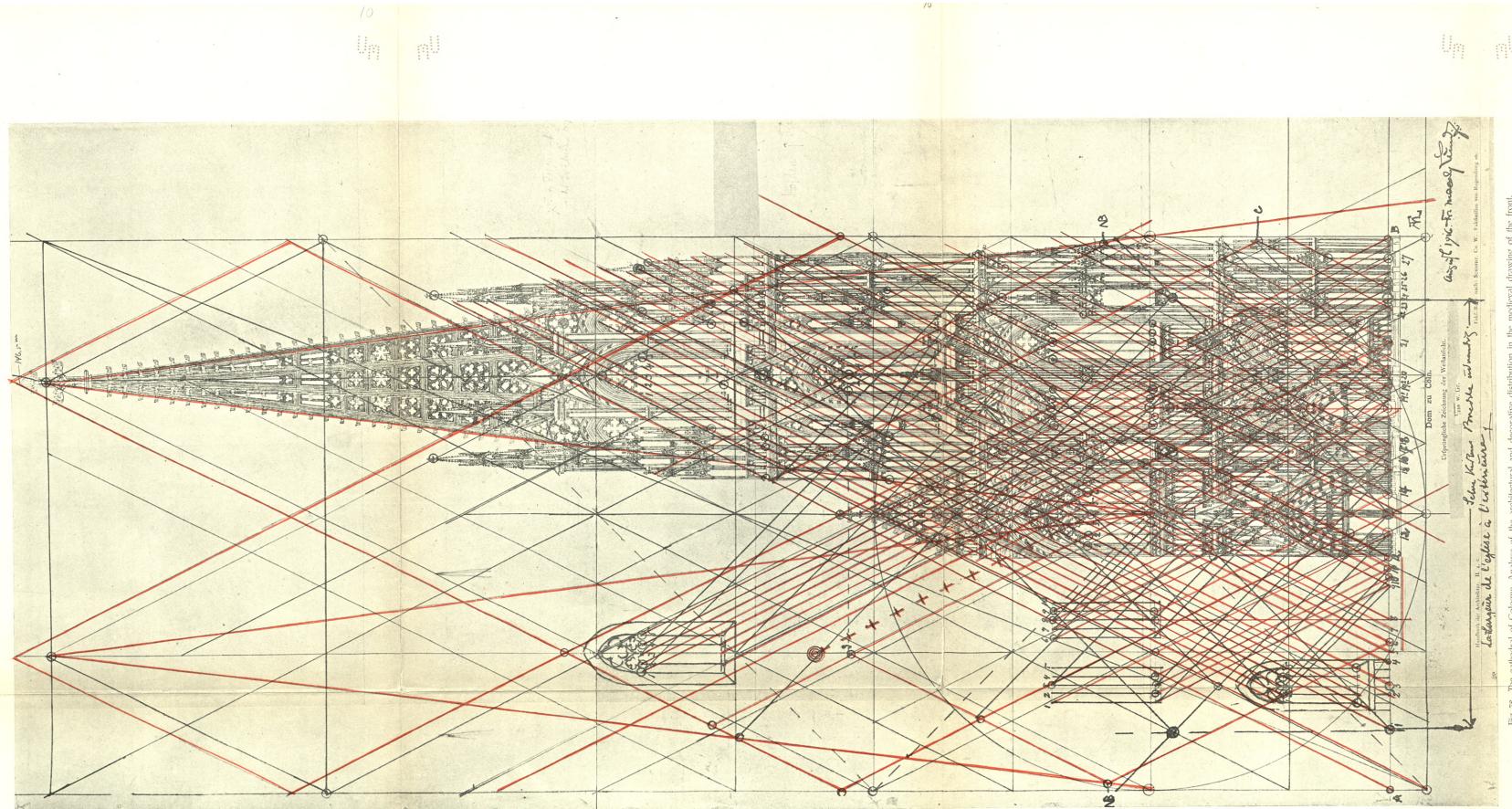


Fig. 78. The cathedral of Cologne. Analyse of the architectural and decorative distribution in the medieval drawing of the front.

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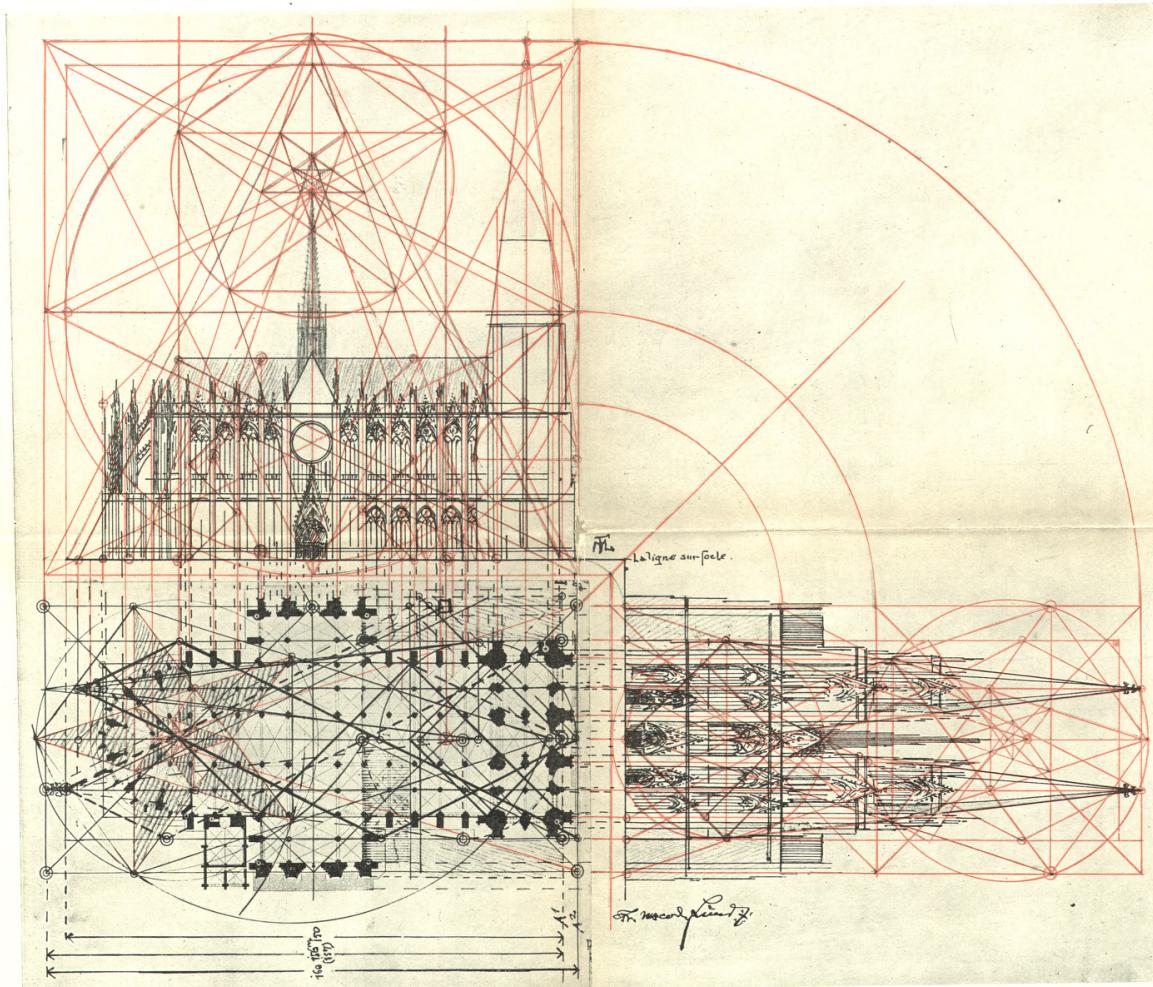


Fig. 79. The cathedral of Cologne. Diagrammatical drawings

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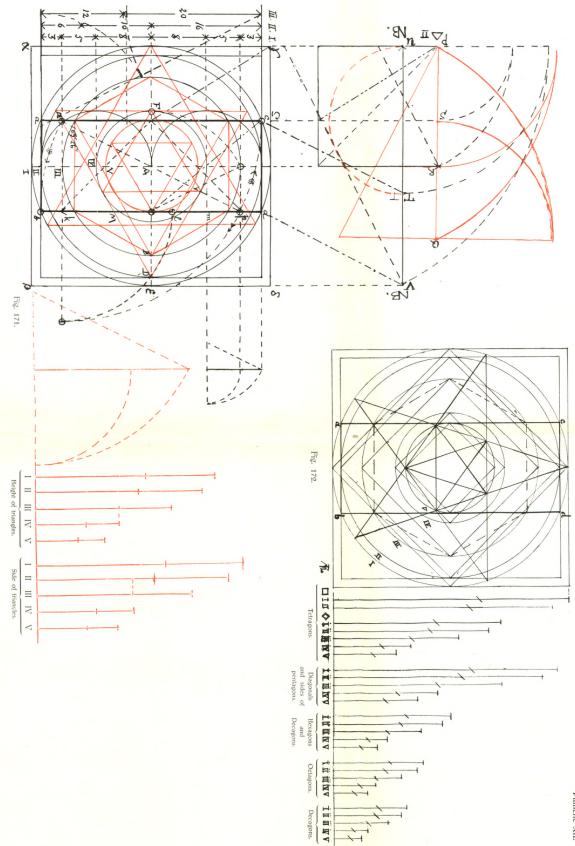


Planche XII.

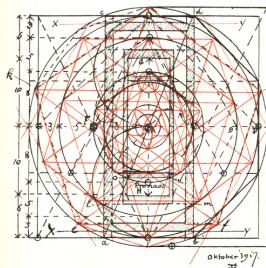
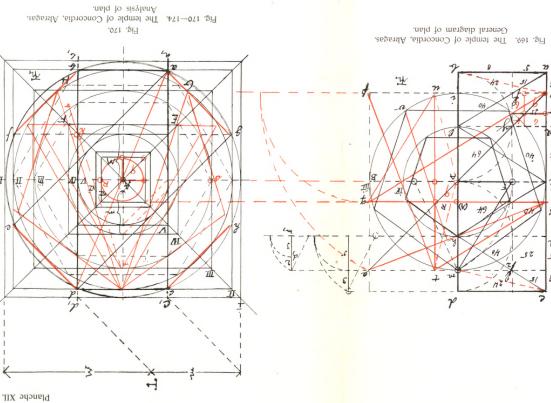


Fig. 173.

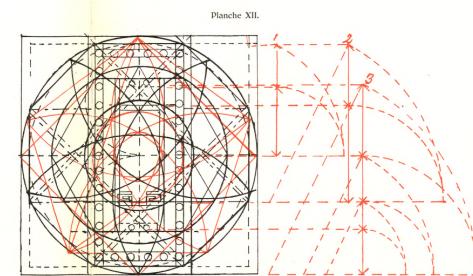


Fig. 174.

Planche XIII.

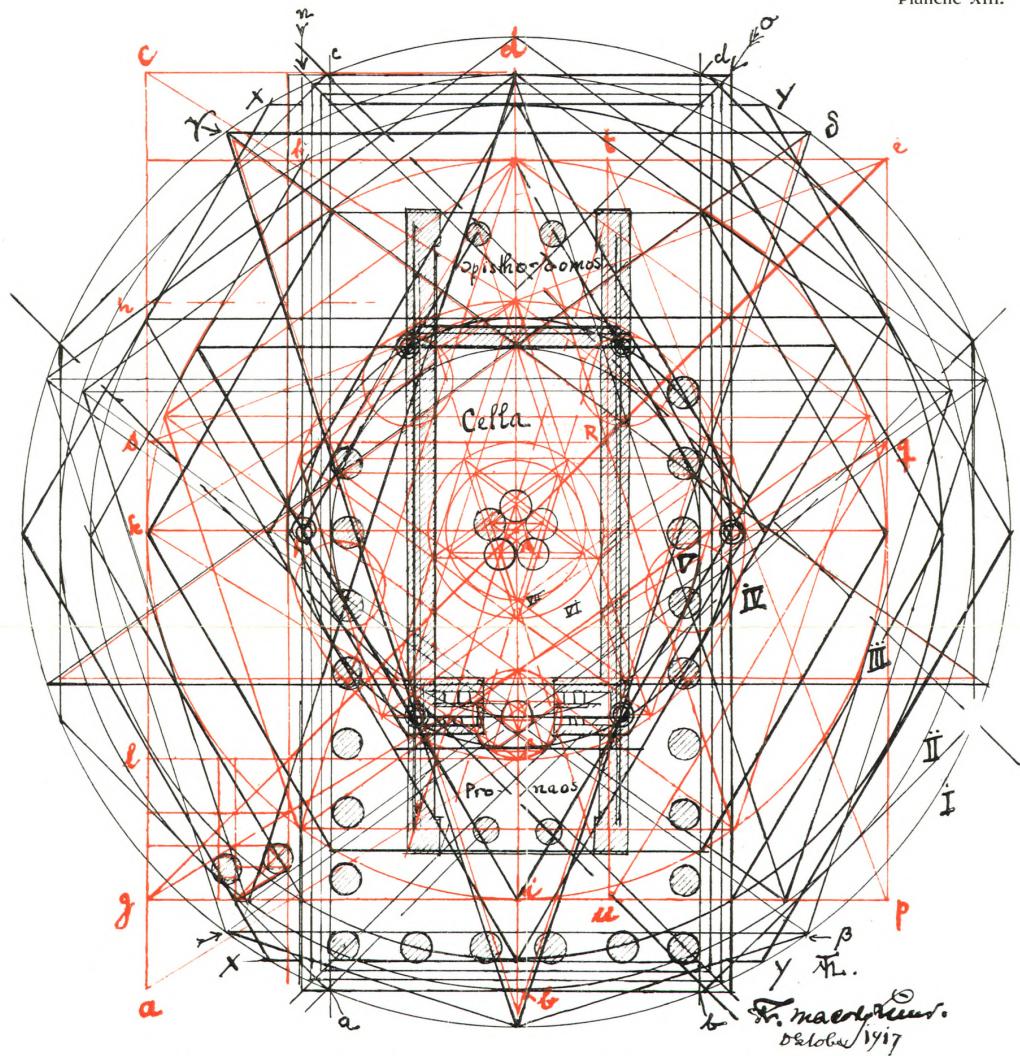


Fig. 175. The temple of Concordia, Akragas. Collective result of analysis, plate XII.

Planche XIV.

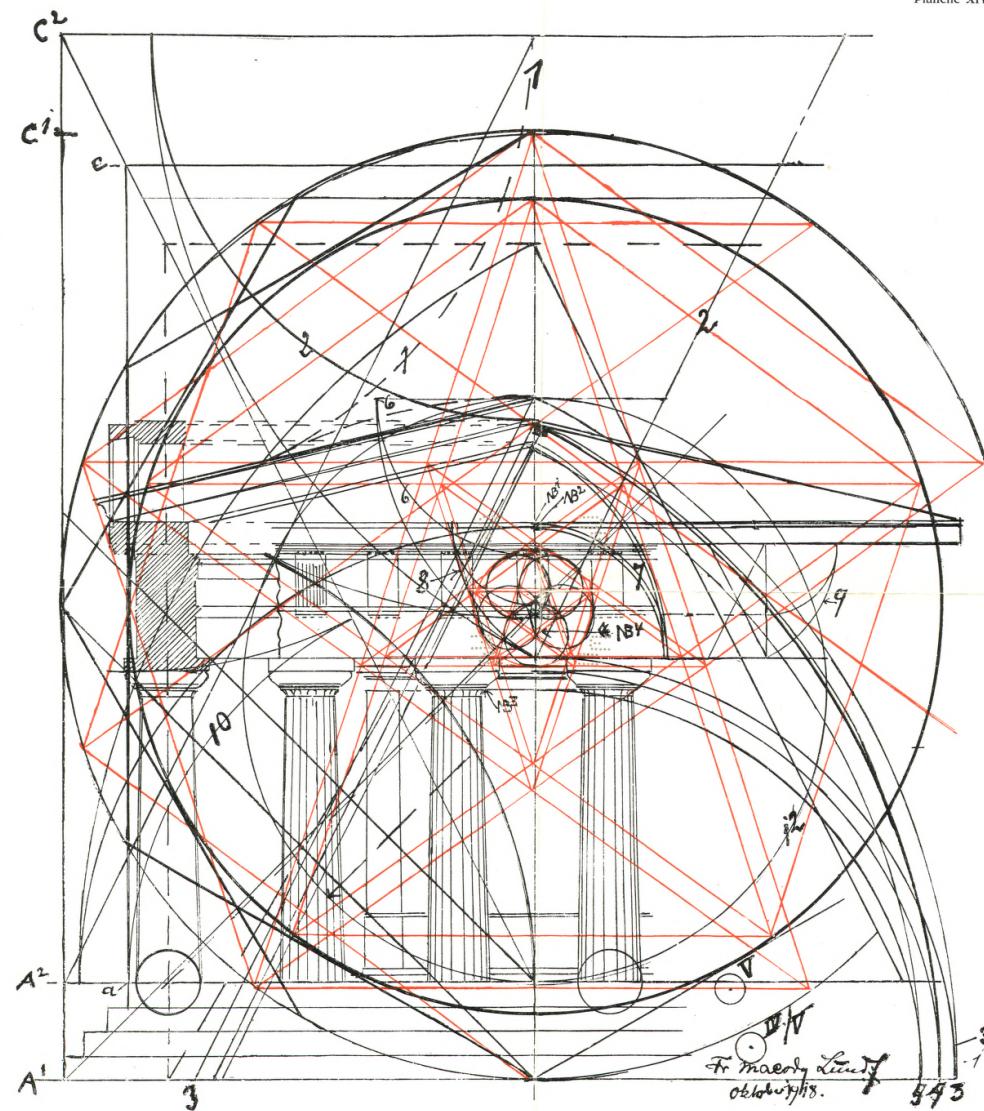


Fig. 177. The temple of Concordia Agrigentum. Analysis of the front.

Planche XV.

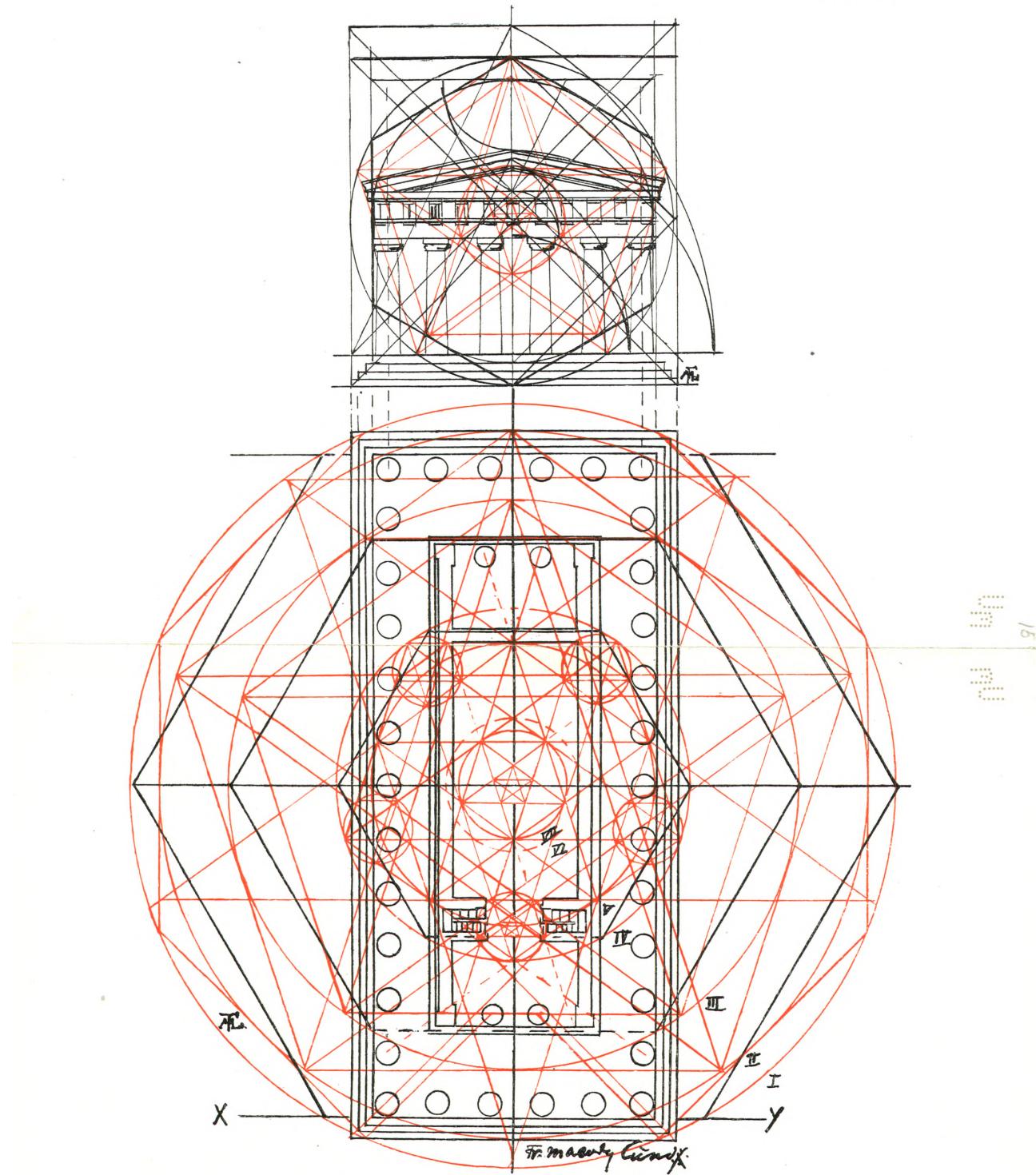


Fig. 179. The temple of Concordia, Akragas. Plan and elevation of the front.

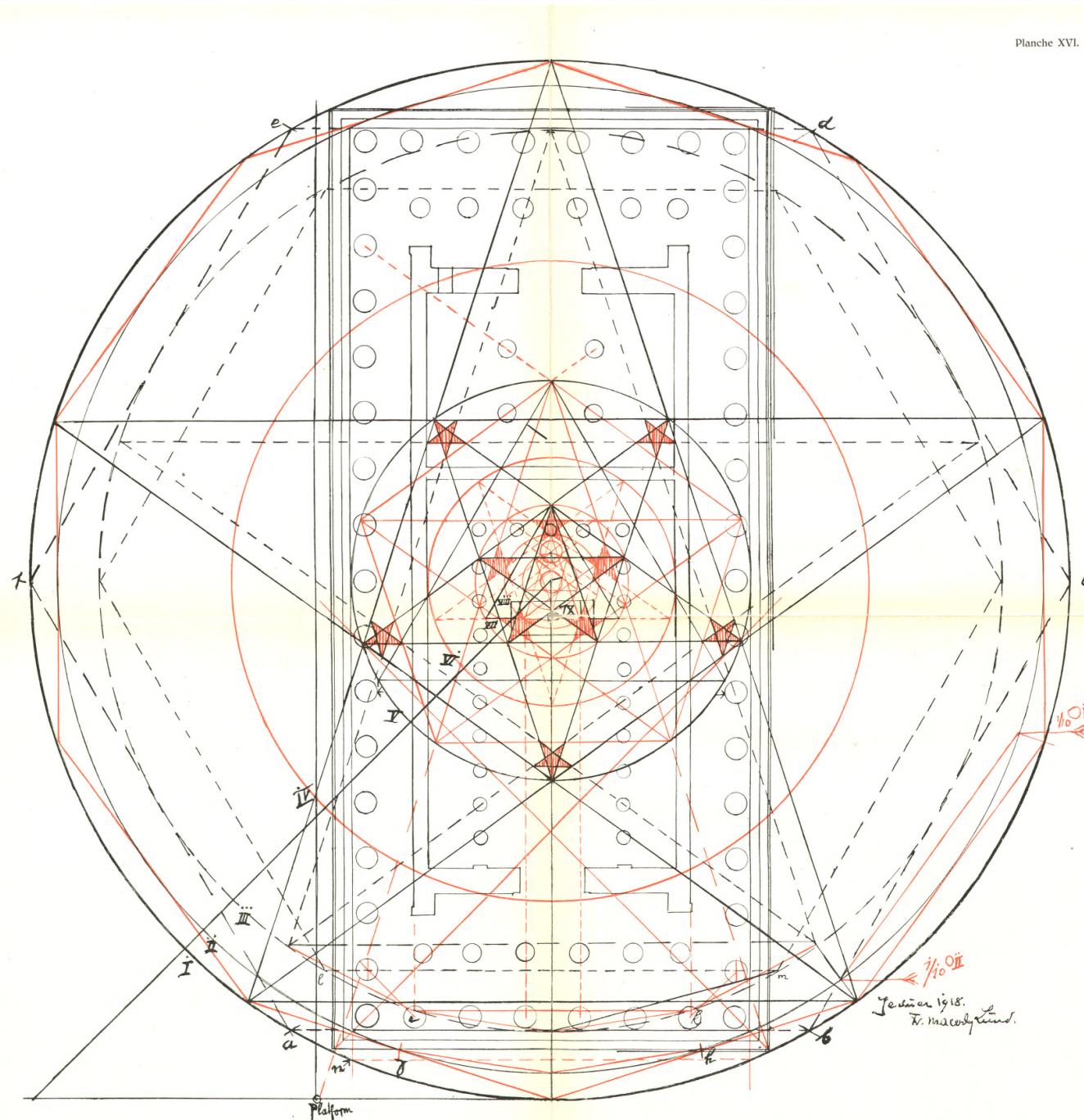


Fig. 181. The Parthenon. Analysis of the plan.

NB. In part of this plan, reproduced page 175, circle I has been wrongly marked IV.

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THE PILGRIM CATHEDRAL OF OLAF KYRRE  
 compared to previous, contemporary and later cathedrals and churches of pilgrimage of Norway, Denmark, France and England.  
 All the plans at the same scale.

Planche XVII.

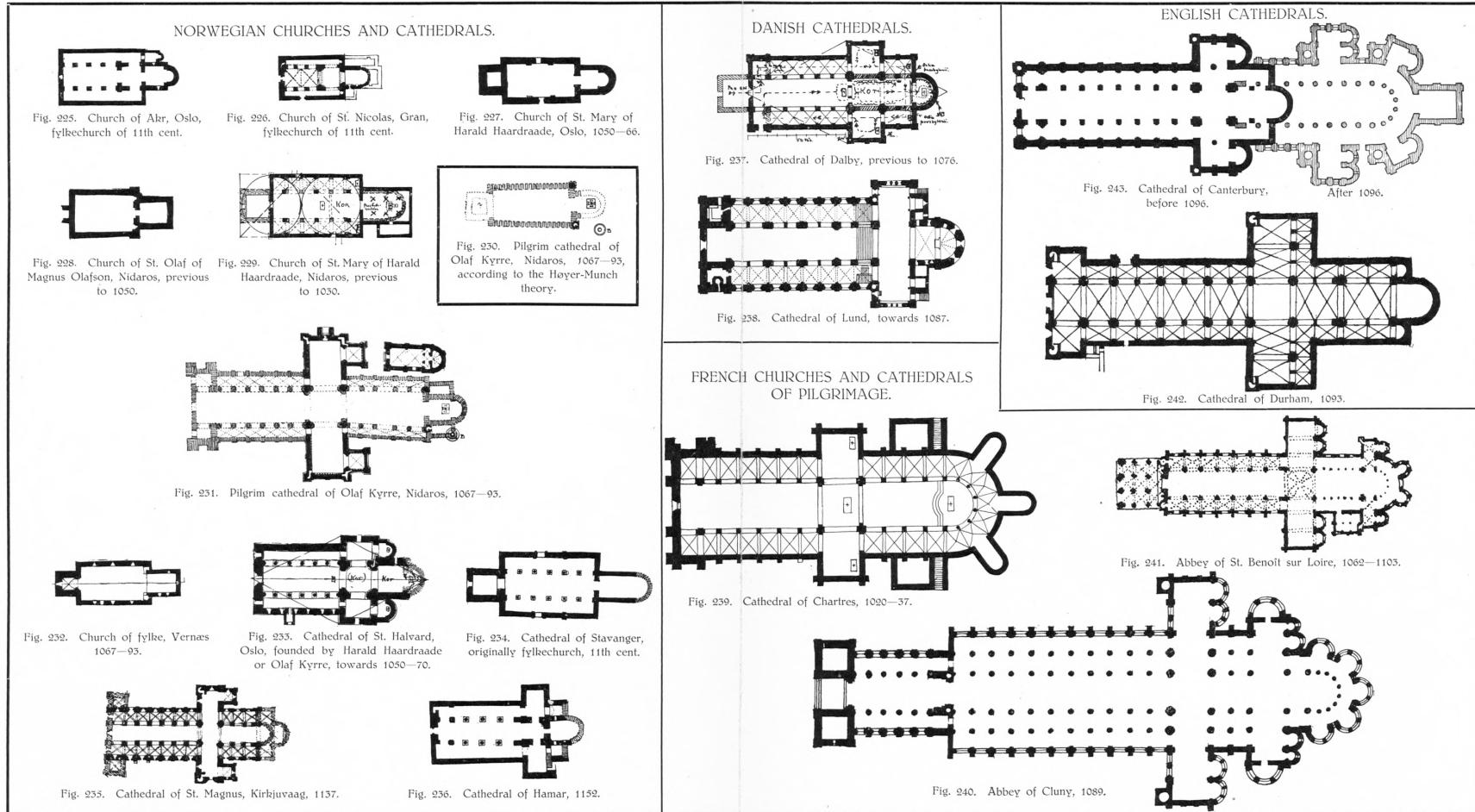


Planche XVIII a.

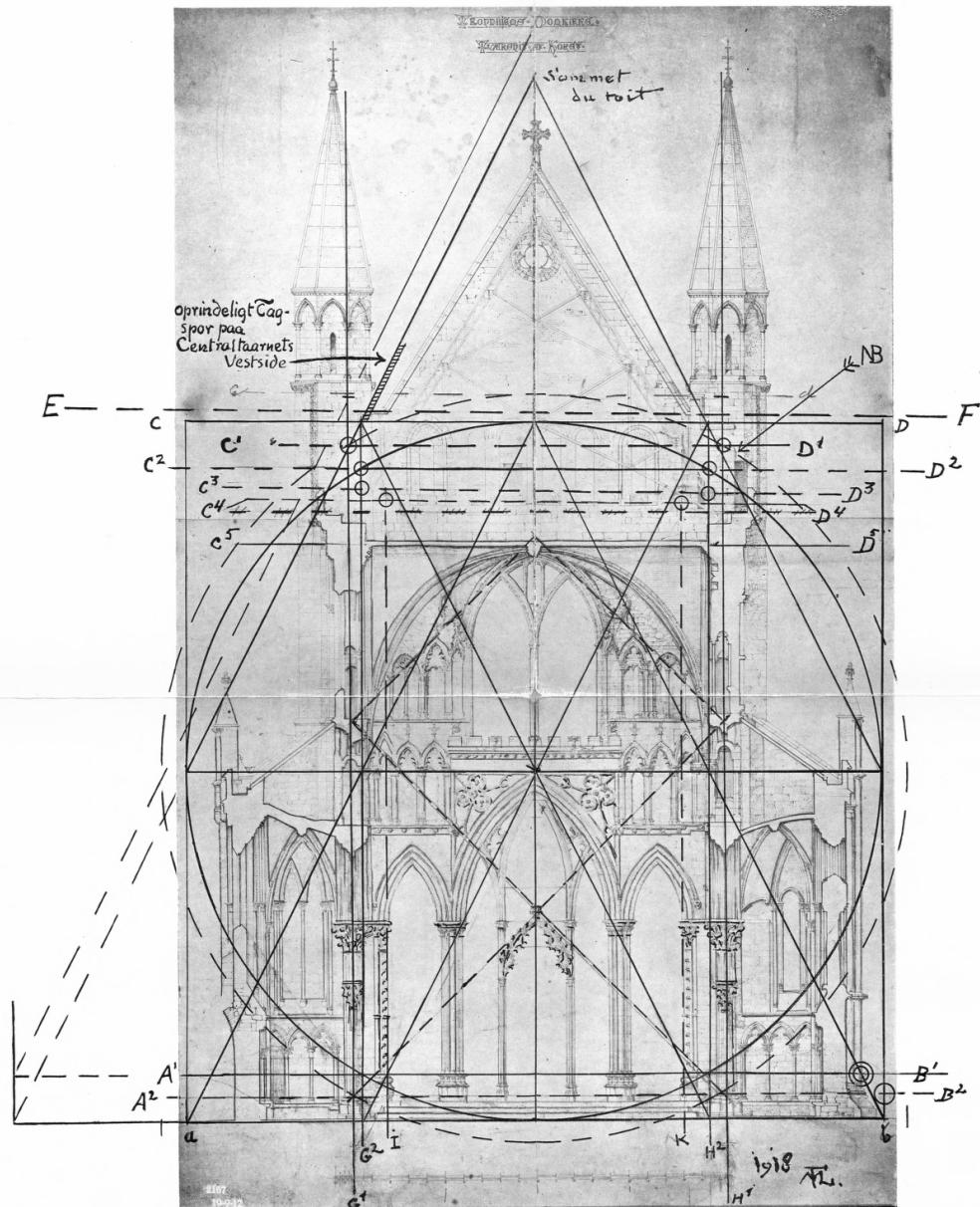


Fig. 286. Cathedral of Nidaros. Transverse section of chancel. Analysis I.

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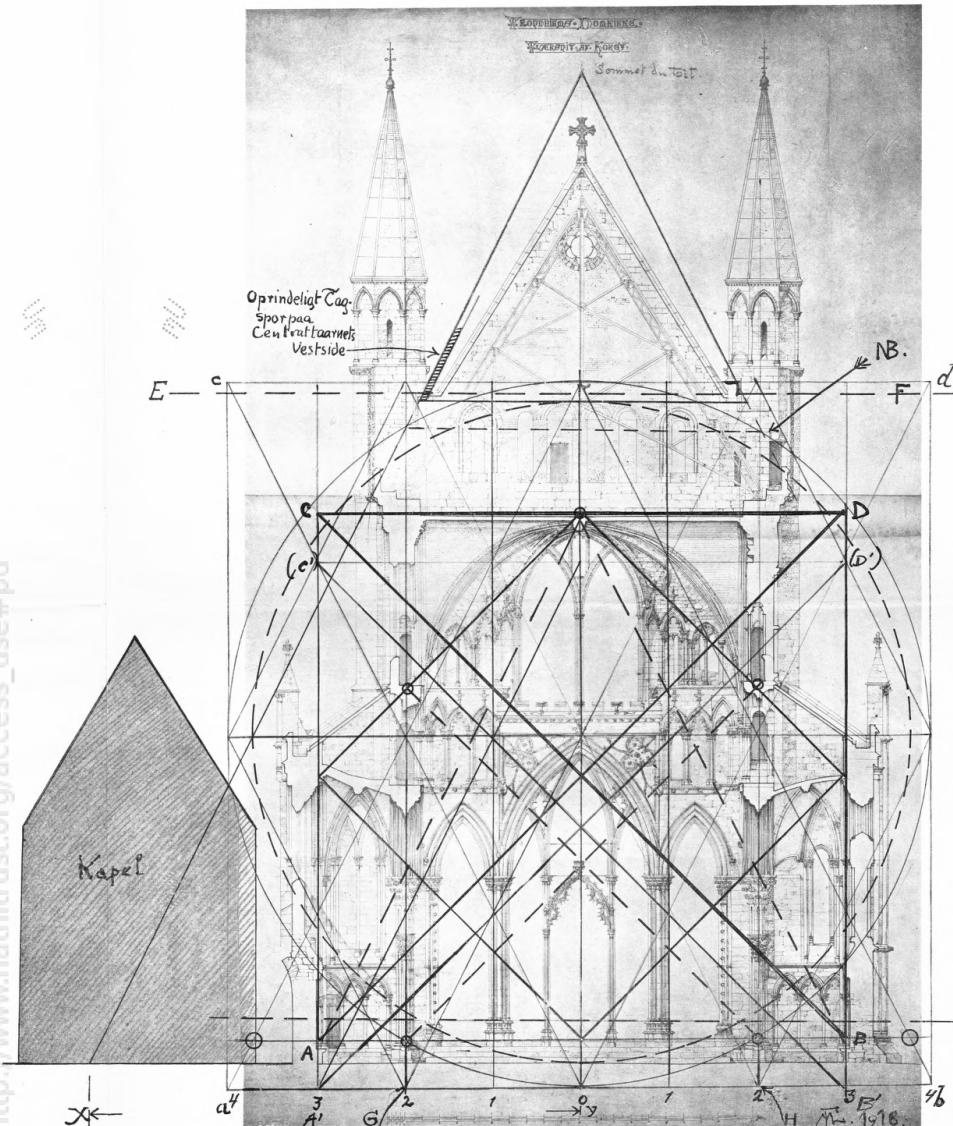


Fig. 287. Transverse section of chancel. Analysis II.

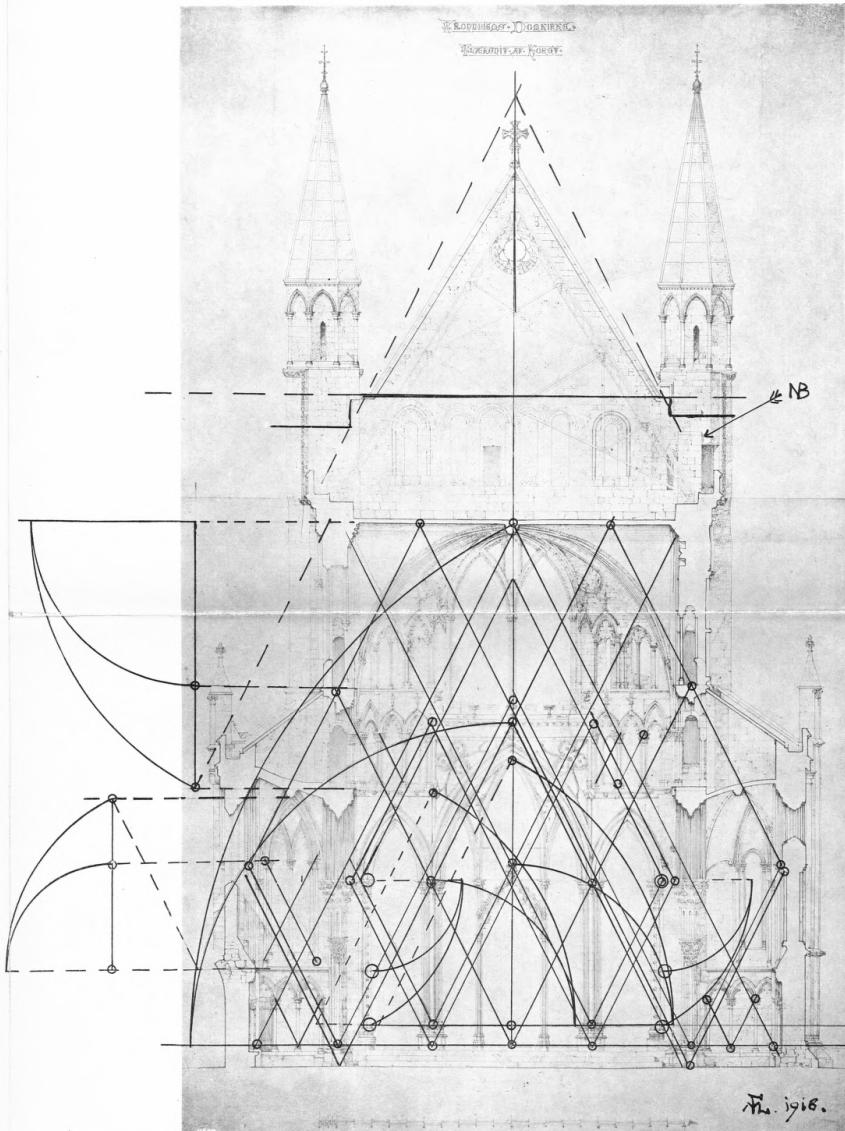


Fig. 288. Transverse section of chancel. Analysis III. Architectonic distribution of the gable.

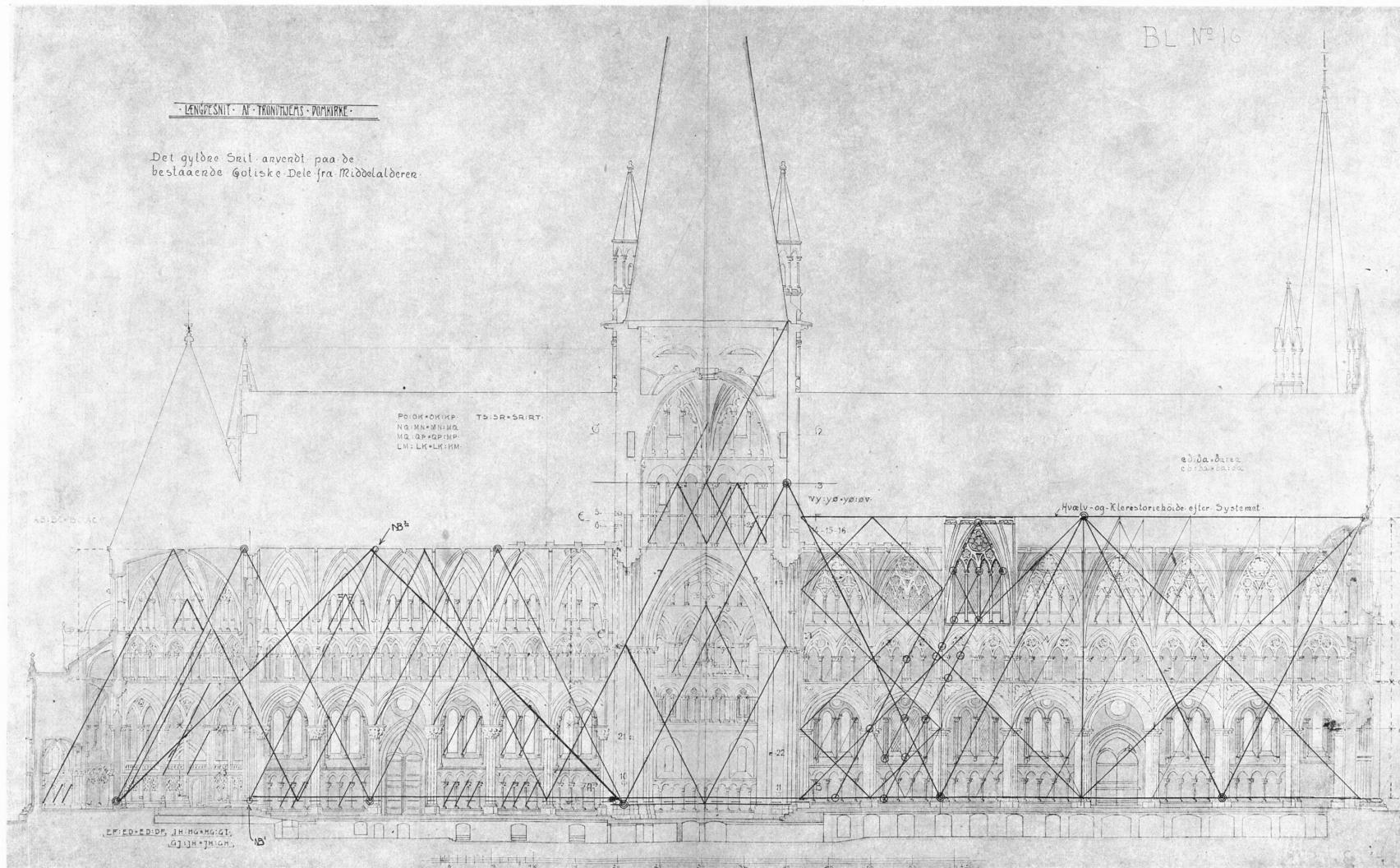


Fig. 297. Cathedral of Nidaros. Longitudinal section of the cathedral by Christie, analysis

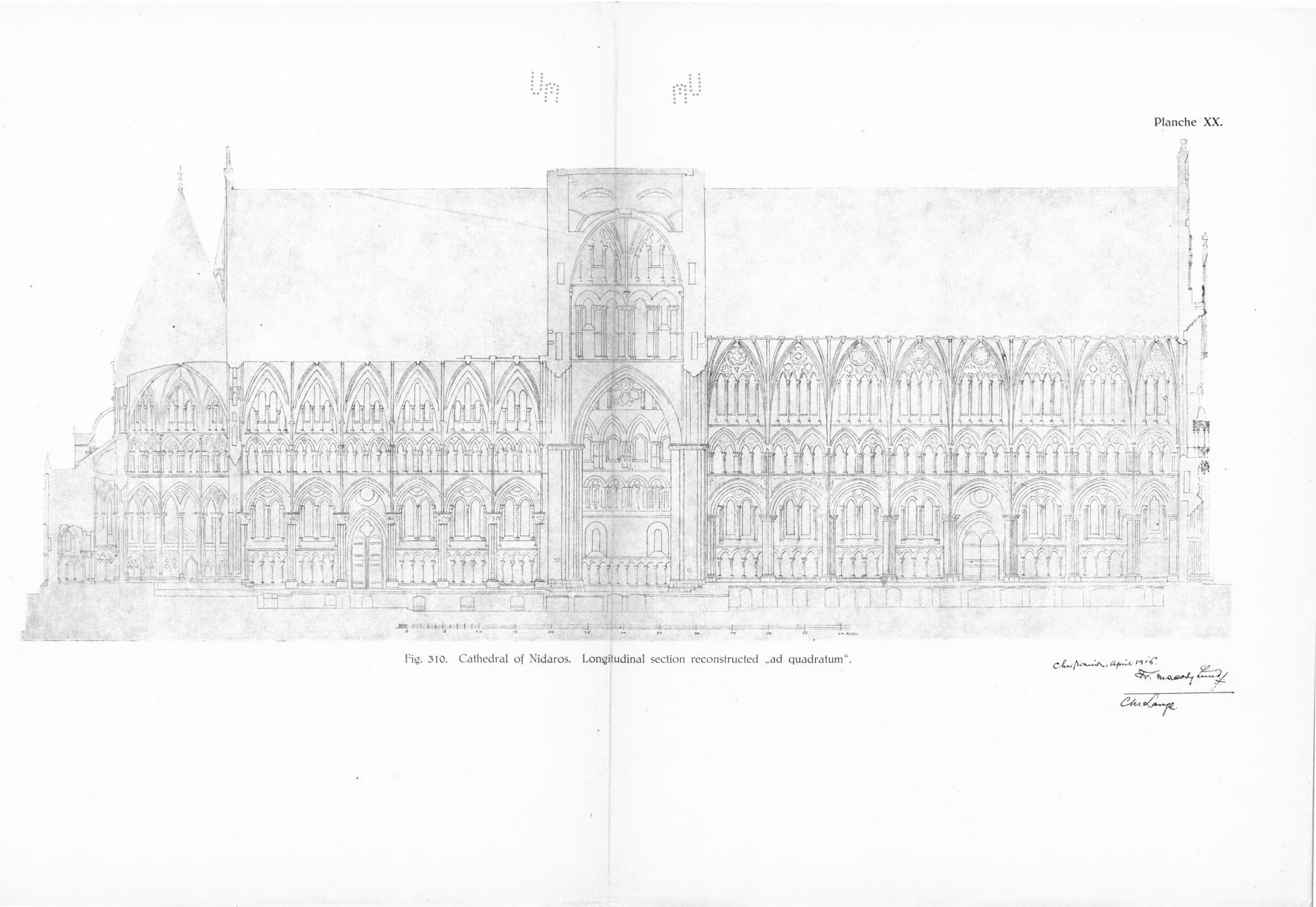


Planche XXI.

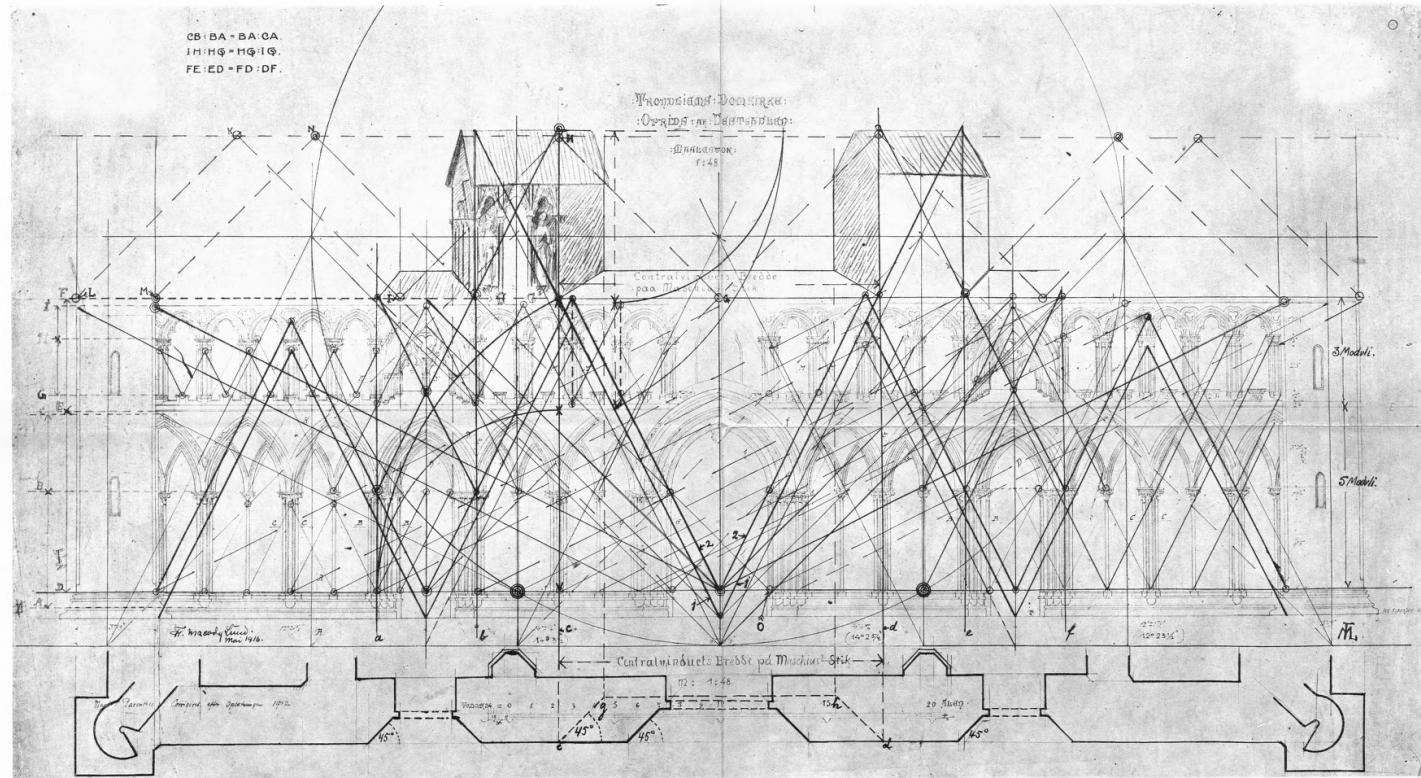


Fig. 307. Cathedral of Nidaros, Analysis of Christie's measurements of the remains of the front in relation to the engraving of Maschius.

Planche XXII.

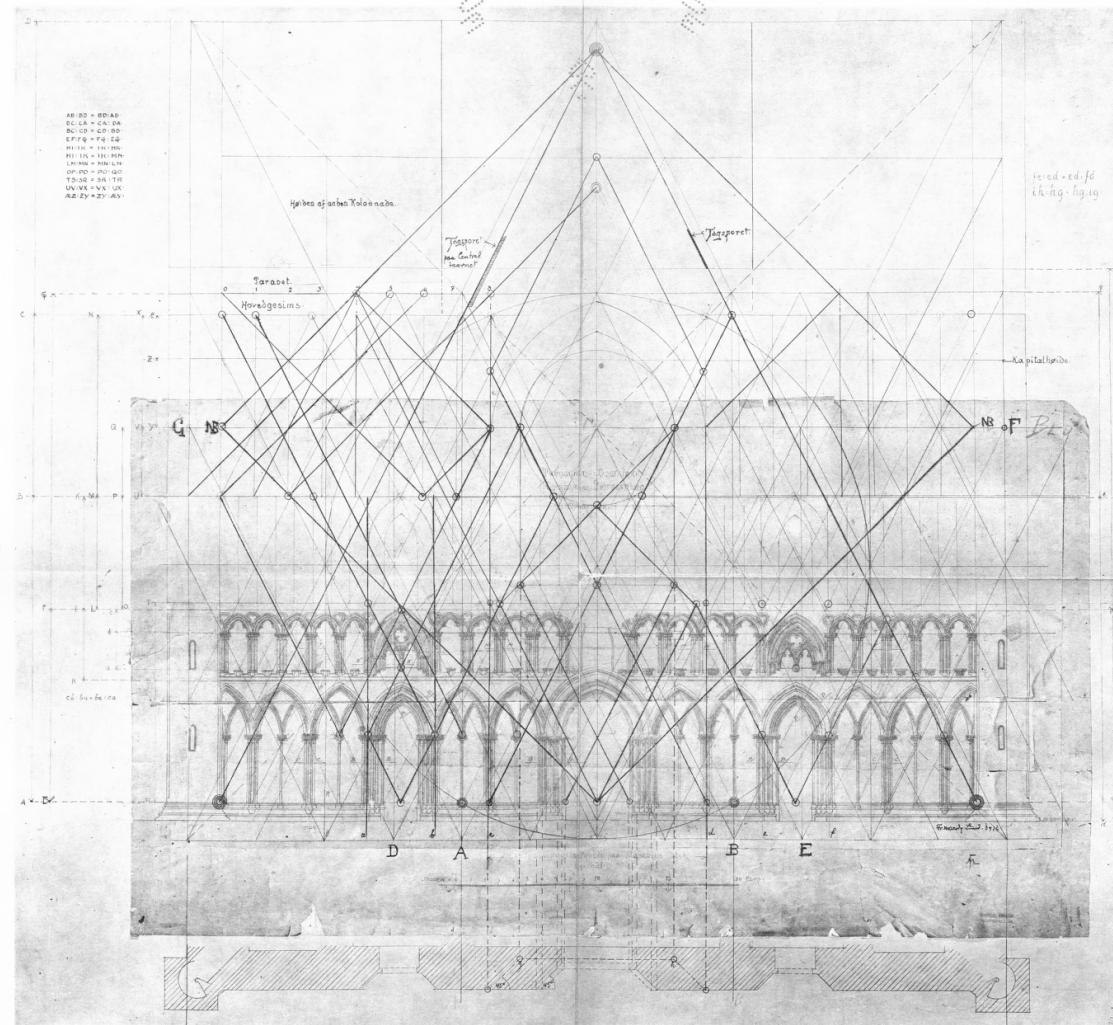


Fig. 309. Cathedral of Nidaros. Theoretical raising of the west front „ad quadratum“.

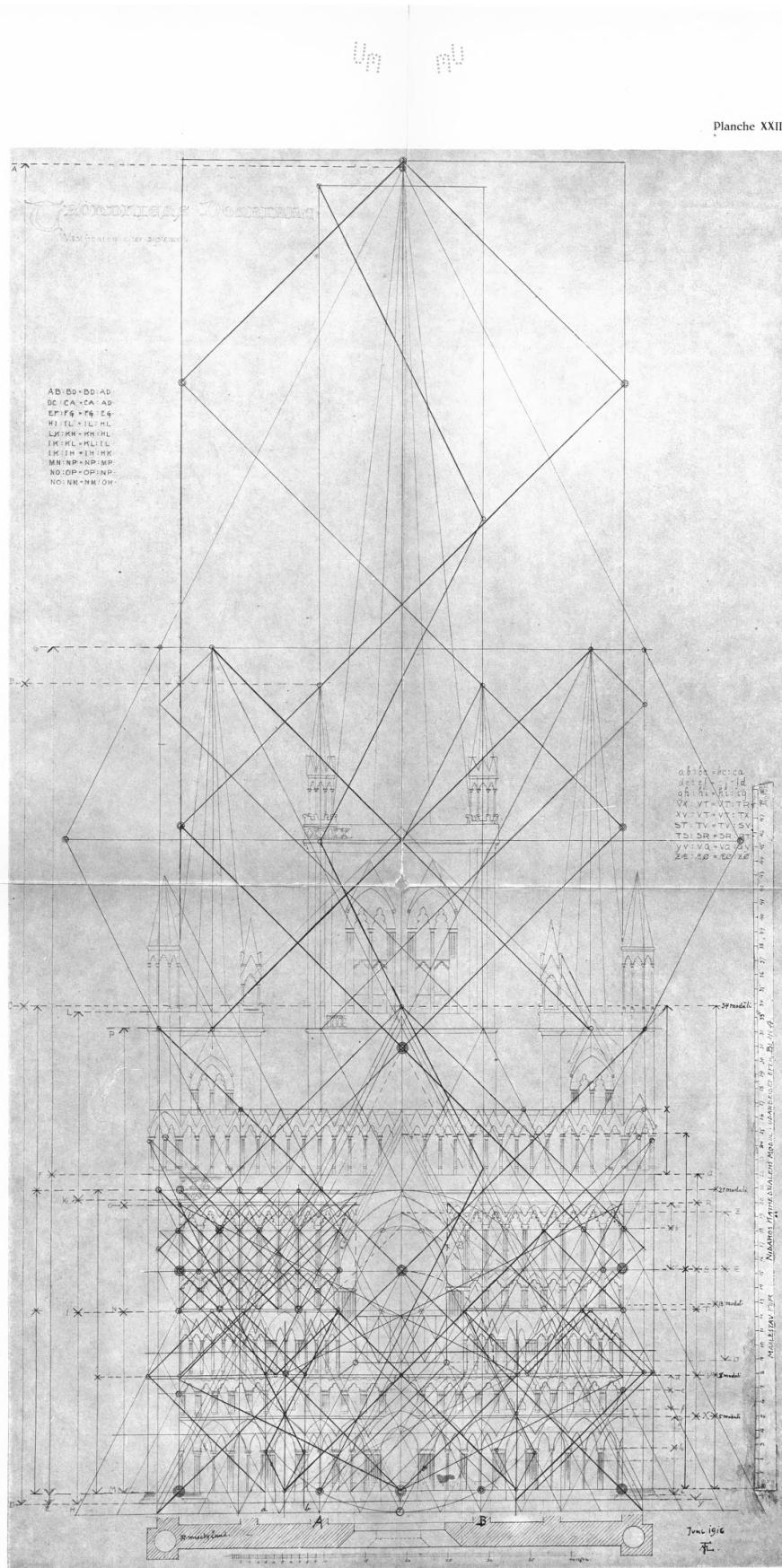


Fig. 314. Cathedral of Nidaros. Theoretical raising of tower and spire.

Planche XXIV.

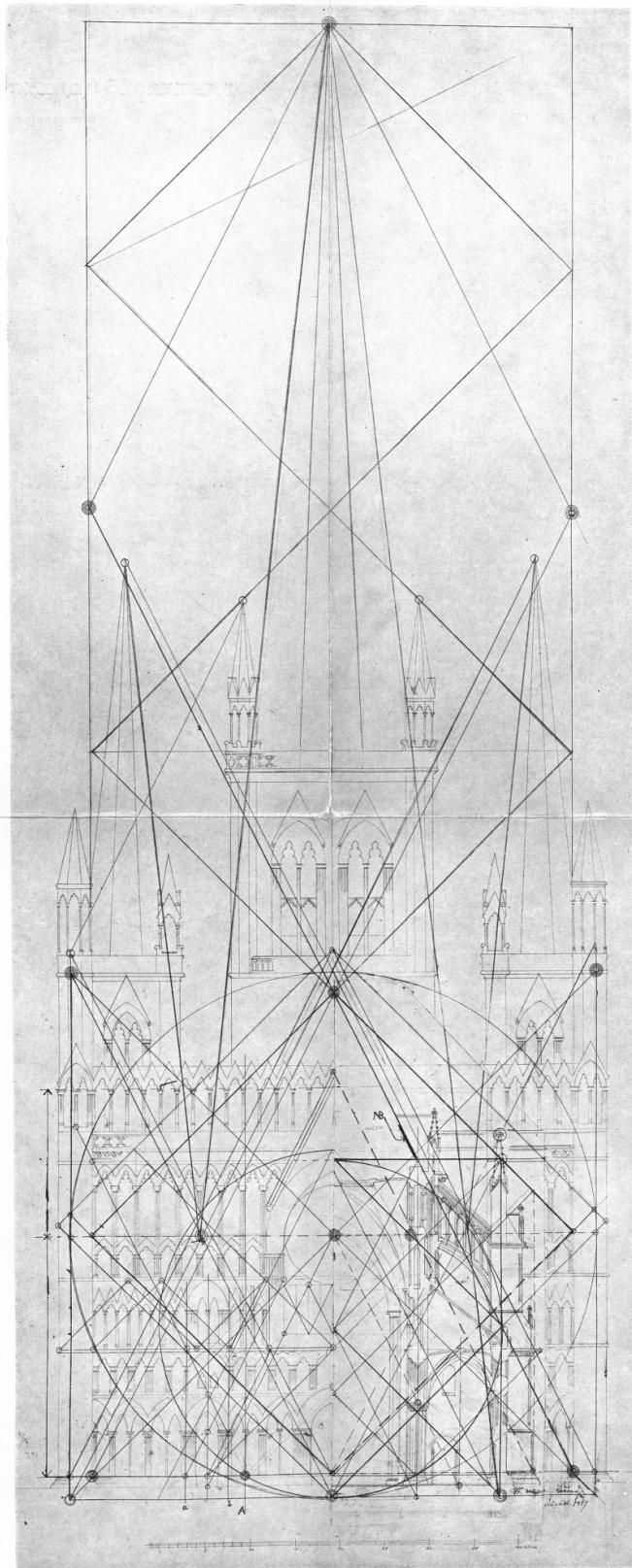


Fig. 315. The front with transverse section of nave introduced.

Planche XXV.



Fig. 316. Cathedral of Nidaros. The reconstructed screen front.

Chapman, April 1916.

Dr. Maxey Lund

Ch. Lang.

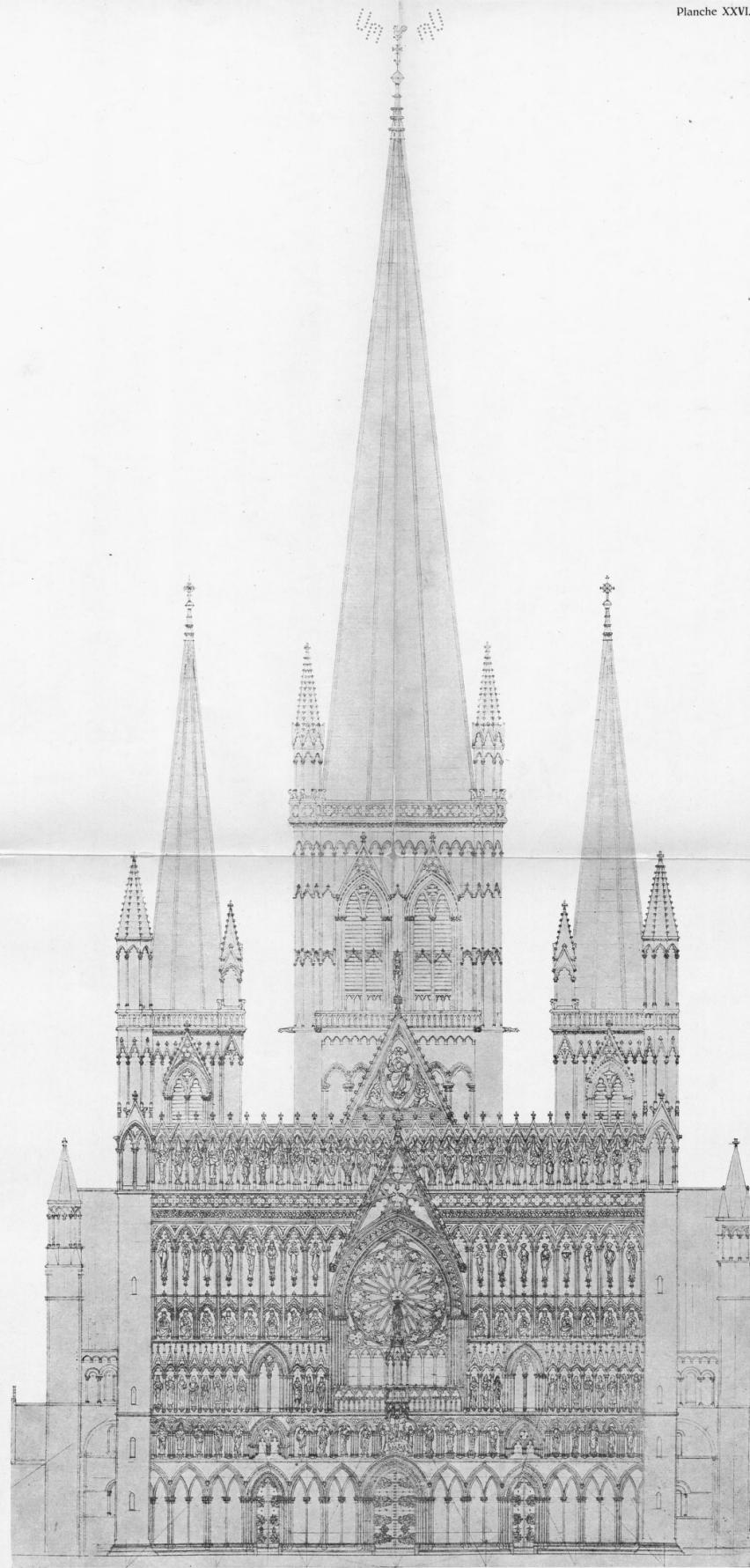


Fig. 317. Cathedral of Nidaros. West front with towers and central tower reconstructed „ad quadratum“.

Calgary, April 1916.

Dr. Mackay

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Planche XXVII.

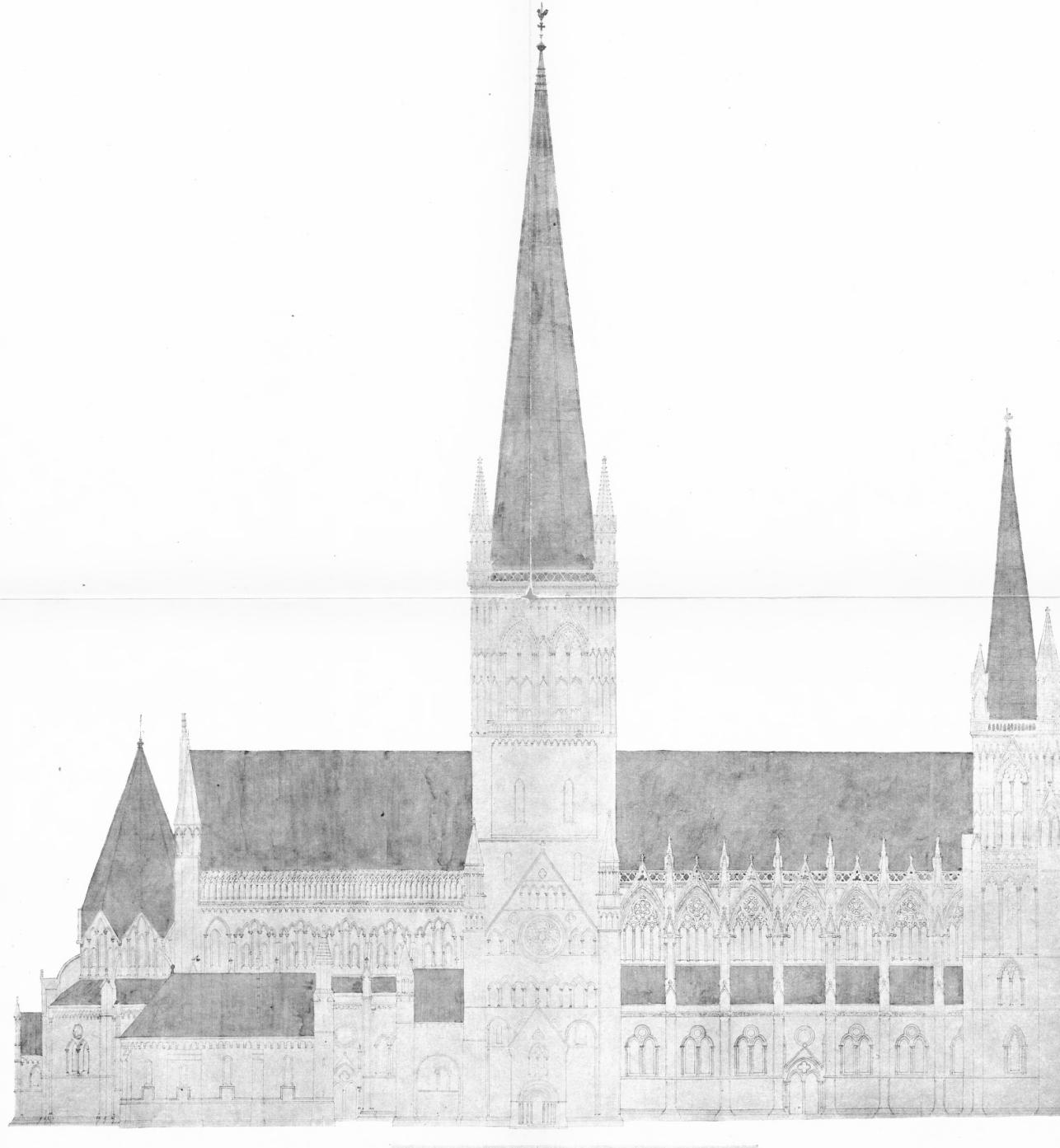


Fig. 525. The front. North elevation. Reconstruction by Macody Lund.

Chapman, April 1916.  
Fr. Macody Lund  
Ch. Lang

Planche XVIII.

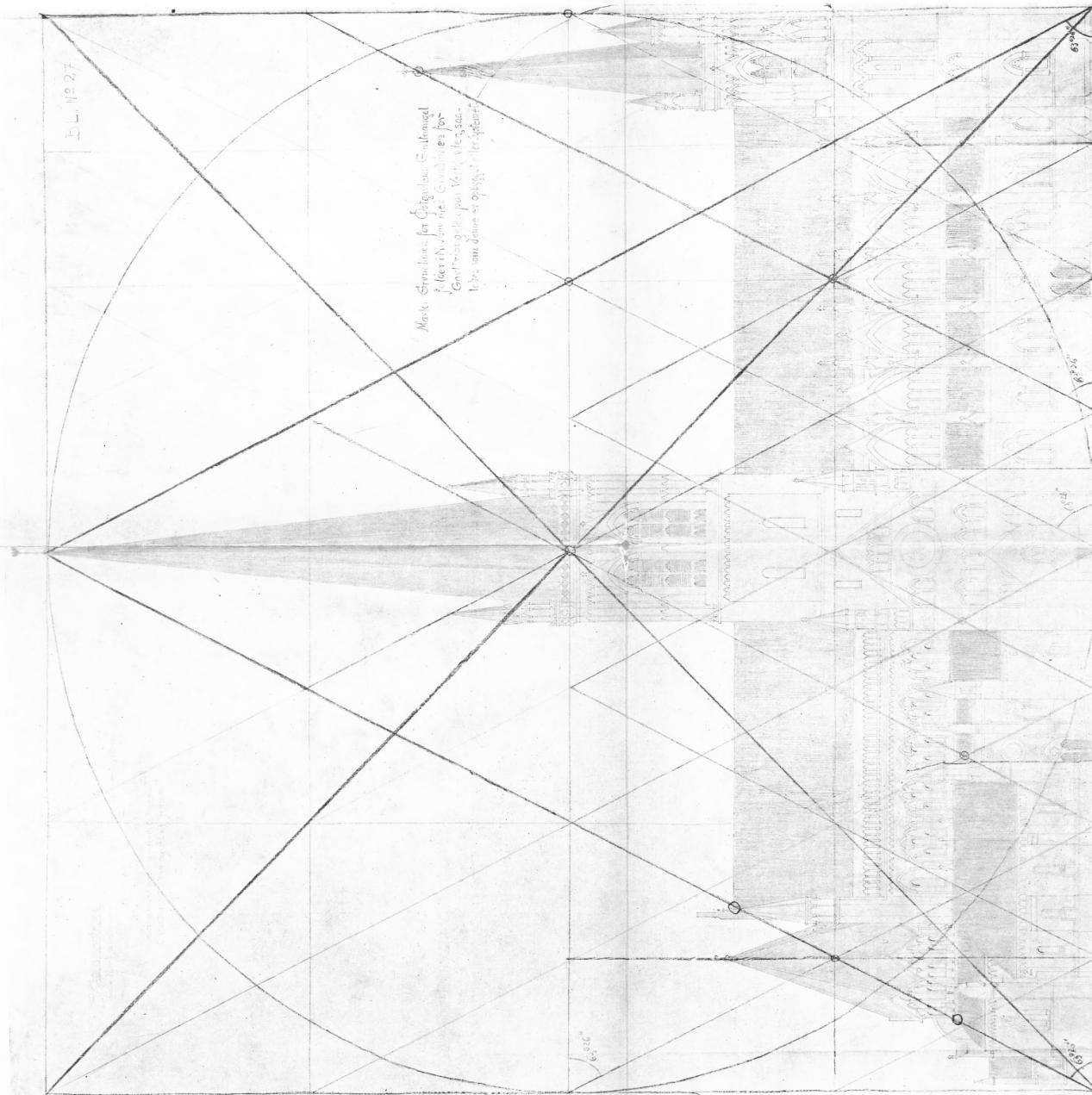
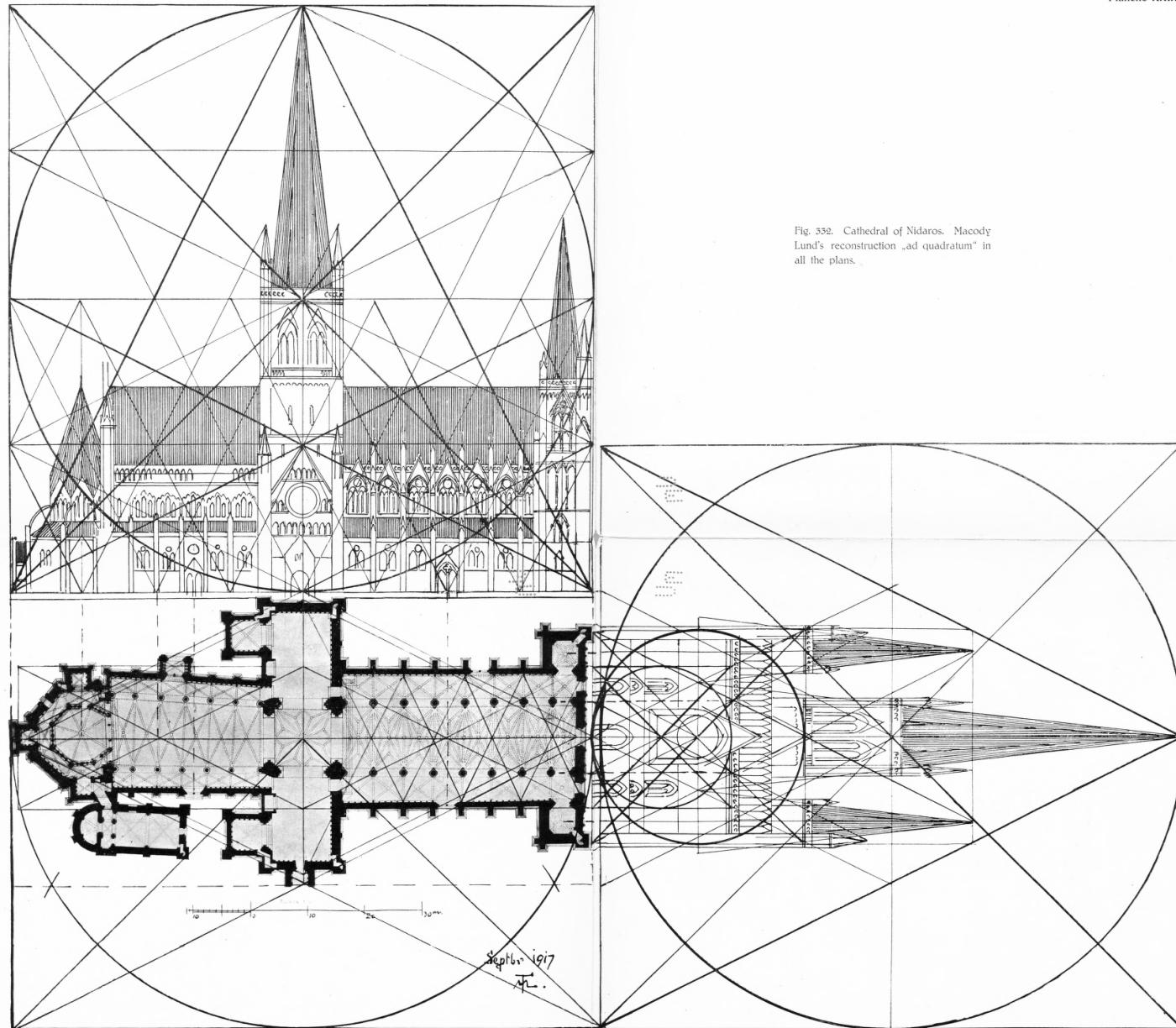
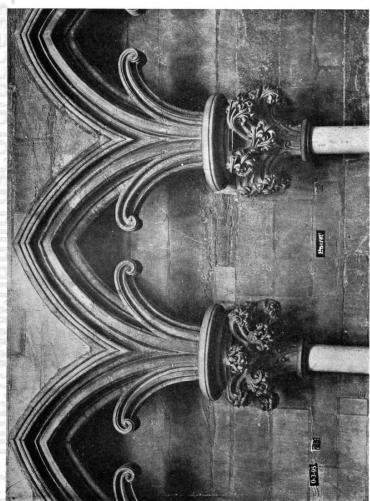


Fig. 334. Cathedral of Nidaros. Macody Lund's reconstruction of north elevation "ad quadratum".

Planche XXIX.





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Fig. 1-8. Examples of medieval ornamental designs.

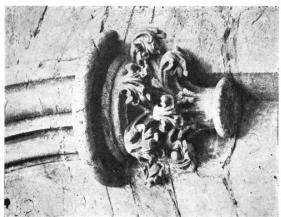


Planche XXX a.

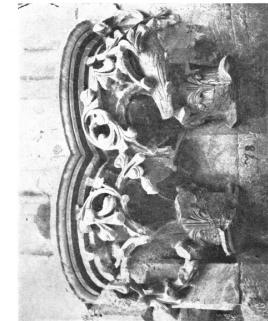
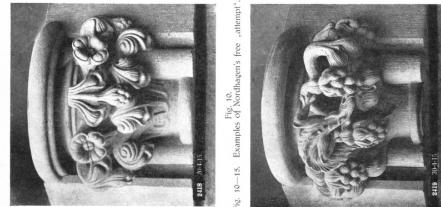


Fig. 3



FIGS. 10-15. Examples of Nordmann's food. *Altanomyia*<sup>a</sup>



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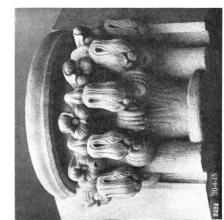


Fig. 1

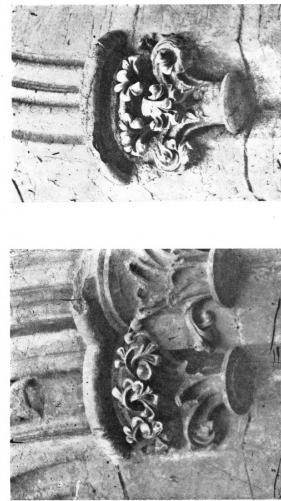


Fig. 3.

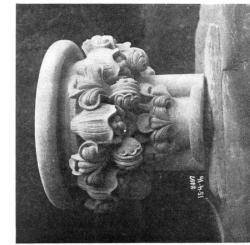


Fig.



43



13



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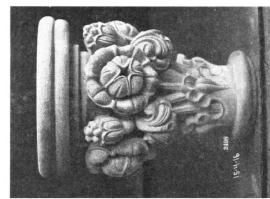


Fig. 13.



Fig. 16.  
Fig. 16—22. Examples of Nordhagen's free "attempt".

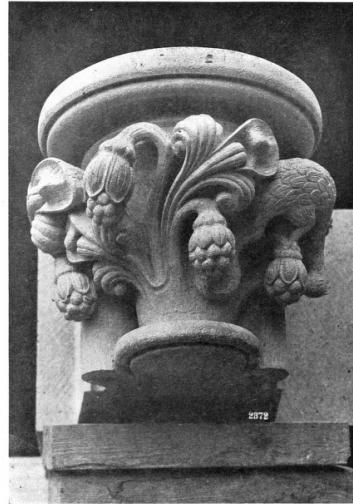


Fig. 17.

Plauche XXX b.



Fig. 20.



Fig. 21.



Fig. 18.



Fig. 19.

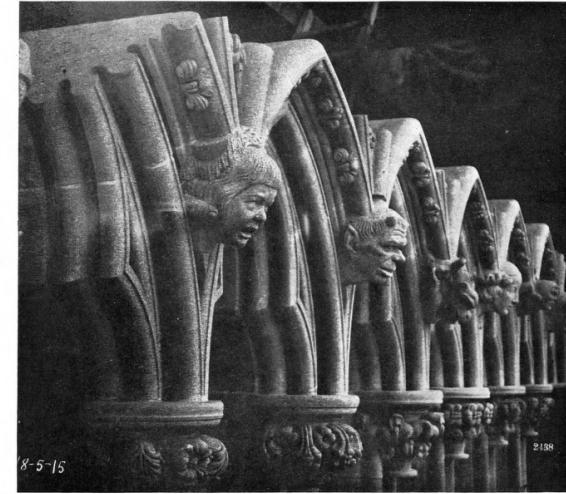


Fig. 22.

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